

**Bates Numbers**

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WEC005157  
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 EMUS414125 - EMUS414127  
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## ANALYST REPORTS

| Beginning<br>Bates Number | End Bates<br>Number | Type                                   | Date       |
|---------------------------|---------------------|--|------------|
| ITNA00070154              | ITNA00070158        | IDC FLASH                              | 04/00/2002 |
| ITNA00070159              | ITNA00070168        | GARTNER REPORT                         | 3/18/2002  |
| ITNA00070964              | ITNA00070990        | IDC                                    |            |
| ITNA00071304              | ITNA00071307        | IDC REPORT                             | 8/6/1999   |
| ITNA00071311              | ITNA00071322        | IDC INDUSTRY REPORT                    |            |
| ITNA00072828              | ITNA00072842        | IDC REPORT                             | 01/00/1999 |
| ITNA00073171              | ITNA00073175        | IDC FLASH                              | 04/00/2002 |
| ITNA00073184              | ITNA00073191        | IDC FLASH                              | 6/2/1999   |
| ITNA00073661              | ITNA00073760        | SEMICO                                 | 02/00/2001 |
| ITNA00073992              | ITNA00074023        | IDC                                    | 1/13/1999  |
| ITNA00074242              | ITNA00074250        | GARTNER GROUP                          | 8/3/1998   |
| ITNA01006487              | ITNA01006492        | SALOMON SMITH BARNEY                   | 3/19/2001  |
| ITNA01158537              | ITNA01158541        | SOLOMON SMITH BARNEY                   | 3/22/2002  |
| ITNA01205933              | ITNA01205938        | GOLDMAN SACHS ANALYST<br>REPORT        | 9/26/2001  |
| ITNA01205942              | ITNA01205944        | SOLOMON SMITH BARNEY<br>ANALYST REPORT | 9/26/2001  |
| ITNA01205951              | ITNA01205962        | MORGAN STANLEY ANALYST<br>REPORT       | 9/29/2001  |
| ITNA01206349              | ITNA01206353        | SALOMON SMITH BARNEY<br>ANALYST REPORT | 3/22/2002  |
| ITNA01206602              | ITNA01206606        | IDC REPORT                             | 04/00/2002 |
| ITNA01212705              | ITNA01212706        | SOLOMON SMITH BARNEY                   | 2/1/2002   |
| ITNA01221990              | ITNA01221993        | CREDIT SUISSE FIRST BOSTON             | 9/26/2001  |
| ITNA01229207              | ITNA01229212        | SALOMON SMITH BARNEY                   | 12/1/2001  |
| ITNA01252256              | ITNA01252267        | DEUTSCHE BANK                          | 8/16/2000  |
| ITNA01252273              | ITNA01252276        | SALOMON SMITH BARNEY                   | 12/15/2000 |
| ITNA01252299              | ITNA01252303        | SALOMON SMITH BARNEY                   | 2/1/2001   |
| ITNA01252310              | ITNA01252314        | SALOMON SMITH BARNEY                   | 6/21/2001  |
| ITNA01252315              | ITNA01252318        | SALOMON SMITH BARNEY                   | 7/11/2001  |
| ITNA01252337              | ITNA01252341        | SALOMON SMITH BARNEY                   | 7/24/2001  |
| ITNA01252347              | ITNA01252350        | SALOMON SMITH BARNEY                   | 9/26/2001  |
| ITNA01252413              | ITNA01252417        | SALOMON SMITH BARNEY                   | 11/14/2001 |
| ITNA01252428              | ITNA01252438        | SALOMON SMITH BARNEY                   | 12/14/2001 |
| ITNA01252453              | ITNA01252459        | SALOMON SMITH BARNEY                   | 1/22/2002  |
| ITNA01252478              | ITNA01252484        | SALOMON SMITH BARNEY                   | 3/8/2002   |
| ITNA01252509              | ITNA01252523        | SALOMON SMITH BARNEY                   | 4/24/2002  |
| ITNA01254893              | ITNA01254898        | SALOMON SMITH BARNEY                   | 4/16/2001  |
| ITNA01255707              | ITNA01255712        | SALOMON SMITH BARNEY                   | 1/22/2002  |
| ITNA01255780              | ITNA01255785        | SALOMON SMITH BARNEY                   | 2/25/2002  |
| ITNA01255805              | ITNA01255814        | US SEMICONDUCTORS                      | 4/18/2002  |
| ITNA01255846              | ITNA01255851        | SALOMON SMITH BARNEY                   | 6/3/2002   |
| ITNA01257296              | ITNA01257301        | SALOMON SMITH BARNEY                   | 11/26/2001 |
| ITNA01262886              | ITNA01262892        | SALOMON SMITH BARNEY                   | 4/28/2000  |

| Beginning<br>Bates Number | End Bates<br>Number | Type                         | Date       |
|---------------------------|---------------------|------------------------------|------------|
| ITNA01265040              | ITNA01265046        | SALOMON SMITH BARNEY         | 3/22/2000  |
| ITNA01265048              | ITNA01265050        | SALOMON SMITH BARNEY         | 4/14/2000  |
| ITNA01265190              | ITNA01265195        | GOLDMAN SACHS                | 9/26/2001  |
| ITNA01265141              | ITNA01265144        | SALOMON SMITH BARNEY         | 9/25/2001  |
| ITNA01265210              | ITNA01265214        | SALOMON SMITH BARNEY         | 12/4/2001  |
| ITNA01265370              | ITNA01265374        | SALOMON SMITH BARNEY         | 1/7/2002   |
| ITNA01265353              | ITNA01265355        | SALOMON SMITH BARNEY         | 12/17/2001 |
| ITNA01265485              | ITNA01265494        | SALOMON SMITH BARNEY         | 3/22/2002  |
| ITNA01265467              | ITNA01265471        | SALOMON SMITH BARNEY         | 3/18/2002  |
| ITNA01265473              | ITNA01265481        | CREDIT SUISSE - FIRST BOSTON | 3/22/2002  |
| ITNA01265464              | ITNA01265466        | CREDIT SUISSE-FIRST BOSTON   | 2/22/2002  |
| ITNA01265459              | ITNA01265461        | SALOMON SMITH BARNEY         | 2/1/2002   |
| ITNA01279328              | ITNA01279332        | IDC overview                 | 2/18/1999  |
| ITNA01280270              | ITNA01280273        | SALOMON SMITH BARNEY         | 1/18/2002  |
| ITNA01280661              | ITNA01280667        | INVESTEC                     | 7/2/2002   |
| ITNA01303206              | ITNA01303210        | SALOMON SMITH BARNEY         | 11/27/2000 |
| ITNA01303215              | ITNA01303221        | SALOMON SMITH BARNEY         | 12/4/2000  |
| ITNA01303222              | ITNA01303225        | SALOMON SMITH BARNEY         | 12/4/2000  |
| ITNA01303226              | ITNA01303236        | ARETE RESEARCH               | 12/7/2000  |
| ITNA01303463              | ITNA01303466        | SALOMON SMITH BARNEY         | 4/3/2001   |
| ITNA01303493              | ITNA01303514        | SALOMON SMITH BARNEY         | 4/16/2001  |
| ITNA01303524              | ITNA01303553        | CREDIT SUISSE FIRST BOSTON   | 4/30/2001  |
| ITNA01303554              | ITNA01303560        | CREDIT SUISSE FIRST BOSTON   | 5/2/2001   |
| ITNA01303561              | ITNA01303572        | CREDIT SUISSE FIRST BOSTON   | 5/2/2001   |
| ITNA01303585              | ITNA01303595        | GARTNER REPORT               | 7/13/2001  |
| ITNA01318682              | ITNA01318684        | SALOMON SMITH BARNEY         | 11/26/2001 |
| ITNA01319524              | ITNA01319528        | SALOMON SMITH BARNEY         | 11/10/2000 |
| MU00021686                | MU00021695          | SALAMON SMITH BARNEY         | 7/15/2002  |
| MU00027145                | MU00027156          | MERRILL LYNCH                | 11/19/2001 |
| MU00051208                | MU00051244          | INVESTEC                     | 7/2/2002   |
| MU00051693                | MU00051717          | THE SEMICO TRACKER           | 7/8/2002   |
| MU00051826                | MU00051833          | ROBERTSON STEPHENS           | 7/9/2002   |
| MU00052183                | MU00052191          | JP MORGAN                    | 7/15/2002  |
| MU00052468                | MU00052483          | SUPPLI MARKET WATCH          | 7/1/2002   |
| MU00053328                | MU00053336          | INVESTEC                     | 8/2/2002   |
| MU00094436                | MU00094501          | SEMICO RESEARCH              | 6/29/1999  |
| MU00094568                | MU00094625          | SEMICO RESEARCH              | 9/13/1999  |
| MU00095021                | MU00095026          | GOLDMAN SACHS                | 6/20/2000  |
| MU00095994                | MU00096056          | SEMICO RESEARCH              | 7/3/2001   |
| MU00097099                | MU00097101          | MERRILL LYNCH                | 9/26/2001  |
| MU00097333                | MU00097340          | MERRILL LYNCH                | 10/11/2001 |
| MU00097618                | MU00097620          | MERRILL LYNCH                | 12/3/2001  |
| MU00097625                | MU00097695          | GOLDMAN SACHS                | 12/16/2001 |
| MU00097703                | MU00097707          | MERRILL LYNCH                | 12/18/2001 |
| MU00097715                | MU00097717          | MERRILL LYNCH                | 1/3/2002   |
| MU00097759                | MU00097765          | MERRILL LYNCH                | 1/28/2002  |
| MU00097768                | MU00097772          | MERRILL LYNCH                | 2/4/2002   |

| Beginning<br>Bates Number | End Bates<br>Number | Type                            | Date       |
|---------------------------|---------------------|---------------------------------|------------|
| MU00097973                | MU00097979          | MERRILL LYNCH                   | 3/11/2002  |
| MU00112484                | MU00112511          | SOLOMAN SMITH BARNEY            | 11/10/1999 |
| MU00112519                | MU00112547          | TECHNOLOGY BUSINESS<br>RESEARCH | 11/5/1999  |
| MU00116467                | MU00116524          | SEMICO RESEARCH                 | 04/00/1999 |
| MU00116813                | MU00116867          | ING BARINGS                     | 1/31/2000  |
| MU00116931                | MU00116963          | MORGAN STANLEY DEAN<br>WITTER   | 1/25/2000  |
| MU00116964                | MU00117043          | SG                              | 12/00/1999 |
| MU00117365                | MU00117477          | GLOBAL EQUITY RESEARCH          | 7/3/2000   |
| MU00118088                | MU00118089          | MORGAN STANLEY DEAN<br>WITTER   | 6/1/2001   |
| MU00142234                | MU00142242          | JP MORGAN                       | 7/15/2002  |
| MU00169227                | MU00169229          | MERRILL LYNCH                   | 5/29/2001  |
| MU00220092                | MU00220102          | MORGAN STANLEY                  | 9/6/2001   |
| MU00284934                | MU00284937          | MERRILL LYNCH                   | 5/30/2001  |
| MU00289647                | MU00289658          | MORGAN STANLEY                  | 9/28/2001  |
| MU00524877                | MU00524884          | GARTNER                         | 7/8/2002   |
| MU00526004                | MU00526010          | GARTNER                         | 7/30/2002  |
| MU00666993                | MU00667088          | ANDERSEN CONSULTING             | 02/00/2000 |
| MU00674230                | MU00674242          | SEMICO                          | 00/00/1999 |
| MU00674243                | MU00674259          | SEMICO                          | 00/00/2000 |
| MU00674260                | MU00674276          | SEMICO                          | 00/00/2001 |
| SSI-0005279574            | SSI-0005279579      | GARTNER DATAQUEST               | 2/21/2002  |
| SSI-0005279580            | SSI-0005279693      | GLOBAL EQUITY RESEARCH          | 3/4/2002   |
| SSI-0005279694            | SSI-0005279699      | GARTNER DATAQUEST               | 2/20/2002  |
| SSI-0005279700            | SSI-0005279777      | GARTNER                         | 12/17/2001 |
| SSI-0005278423            | SSI-0005278426      | MERRILL LYNCH                   | 3/4/2002   |
| SSI-0005278427            | SSI-0005278429      | LEHMAN BROTHERS                 | 3/4/2002   |
| SSI-0005278430            | SSI-0005278435      | MERRILL LYNCH                   | 3/5/2002   |
| SSI-0005278436            | SSI-0005278439      | SALOMON SMITH BARNEY            | 3/4/2002   |
| SSI-0005278488            | SSI-0005278527      | GLOBAL EQUITY RESEARCH          | 3/1/2002   |
| SSI-0005278529            | SSI-0005278534      | SALOMON SMITH BARNEY            | 3/4/2002   |
| SSI-0005278586            | SSI-0005278590      | IDC                             | 2/28/2002  |
| SSI-0005279444            | SSI-0005279449      | IDC                             | 3/7/2002   |
| SSI-0005280808            | SSI-0005280850      | GLOBAL EQUITY RESEARCH          | 3/6/2002   |
| SSI-0005280787            | SSI-0005280790      | MERRILL LYNCH                   | 3/11/2002  |
| SSI-0005280791            | SSI-0005280797      | SOLOMON SMITH BARNEY            | 3/11/2002  |
| SSI-0005296402            | SSI-0005296403      | SALOMON SMITH BARNEY            | 11/22/2000 |
| SSI-0005296409            | SSI-0005296413      | SALOMON SMITH BARNEY            | 10/9/2000  |
| SSI-0005298344            | SSI-0005298348      | LEHMAN BROTHERS                 | 7/28/2001  |
| SSI-0005298349            | SSI-0005298352      | MERRILL LYNCH                   | 7/25/2001  |
| SSI-0005301230            | SSI-0005301233      | LEHMAN BROTHERS                 | 7/20/2001  |
| SSI-0020030270            | SSI-0020030282      | STAKTEK                         | 00/00/1997 |
| SSI-0020030288            | SSI-0020030327      | STAKTEK                         | 00/00/1997 |
| SSI-0020031799            | SSI-0020031821      | MERRILL LYNCH & CITIGROUP       | 5/8/2003   |
| NECELAM<br>016951         | NECELAM<br>017051   | De Dios Presentations           |            |



| Beginning<br>Bates Number | End Bates<br>Number | Type                                | Date |
|---------------------------|---------------------|-------------------------------------|------|
| MU00181398                | MU00781416          | IDC                                 |      |
| MU00172662                | MU00172692          | IDC                                 |      |
| MU00170009                | MU00170026          | IDC                                 |      |
| MU00141480                | MU00141481          | IDC                                 |      |
| MU00097496                | MU00097501          | IDC                                 |      |
| MU00007941                | MU00007974          | IDC                                 |      |
| HSA304969                 | HSA304981           | IDC                                 |      |
| HSA304938                 | HSA304955           | IDC                                 |      |
| HSA304882                 | HSA304887           | IDC                                 |      |
| HSA231167                 | HSA231198Q          | IDC                                 |      |
| HSA128379                 | HSA128410           | IDC                                 |      |
| HSA114157                 | HSA114161           | IDC                                 |      |
| HSA082309                 | HSA082332           | IDC                                 |      |
| HSA050506                 | HSA050523           | IDC                                 |      |
| HSA011468                 | HSA011497           | IDC                                 |      |
| MU00427329                | MU0000427343        | ISUPPLI                             |      |
| ITNA0073019               | ITNA0073039         | DE DIOS                             |      |
| ITNA00026931              | ITNA00026950        | DE DIOS                             |      |
| ITNA0025803               | ITNA00025823        | DE DIOS                             |      |
| MU00450535                | MU00450564          | DE DIOS                             |      |
| ITNA01289830              | ITNA01289849        | DE DIOS                             |      |
| MU00450590                | MU00450623          | DE DIOS                             |      |
| MU00450670                | MU00450688          | DE DIOS                             |      |
| MU00095191                | MU00095206          | DE DIOS                             |      |
| ITNA007004                | ITNA0070060         | ALTENMUELLER, VOGT,<br>THUERMEL, MP |      |
| MU00527323                | MU00527329          | DE DIOS                             |      |
| MU00527989                | MUMU0057999         | DE DIOS                             |      |
| MU00528030                | MU00528059          | DE DIOS                             |      |
| MU00627485                | MU00627492          | IDC                                 |      |
| MU00528011                | MU00528029          | DE DIOS                             |      |
| ITNA 0070061              | ITNA 0070088        | DE DIOS                             |      |
| MU00653681                | MU00653683          | DE DIOS                             |      |
| MU00528158                | MU00653706          | DE DIOS                             |      |
| MU00118199                | MU00118219          | MICRON                              |      |
| MU00653751                | MU00653780          | DE DIOS                             |      |
| MU00653898                | MU00653935          | DE DIOS                             |      |
| ITNA 0070089              | ITNA0070112         | DE DIOS                             |      |
| HSA 0418030               | HSA 0418060         | HYNIX                               |      |
| HSA 0418014               | HSA 0418029         | HYNIX                               |      |
| ITNA01291830              | ITNA 01291857       | DE DIOS                             |      |
| MU00654238                | MU00654261          | DE DIOS                             |      |
| MU00053130                | MU00053138          | DE DIOS                             |      |
| MU00654303                | MU00654307          | DE DIOS                             |      |
| SSI-0020031802            | SSI-0020031821      | MERRILL LYNCH                       |      |
| ITNA01291610              | ITNA01291615        | DE DIOS                             |      |
| ITNA 00057442             | ITNA 00057459       |                                     |      |

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|---------------------------|---------------------|---------------------------|------------|
| EMUS045809                | EMUS045815          | 3RD PARTY ANALYST REPORTS | 3/22/2000  |
| EMUS045804                | EMUS045808          | 3RD PARTY ANALYST REPORTS | 3/24/2000  |
| EMUS045897                | EMUS045928          | 3RD PARTY ANALYST REPORTS | 08/00/2000 |
| EMUS055929                | EMUS055940          | 3RD PARTY ANALYST REPORTS | 8/15/2000  |
| EMUS048707                | EMUS048770          | 3RD PARTY ANALYST REPORTS | 09/00/2000 |
| EMUS058131                | EMUS058138          | 3RD PARTY ANALYST REPORTS | 03/00/2001 |
| EMUS219426                | EMUS219426          | 3RD PARTY ANALYST REPORTS | 10/2/2001  |
| EMUS070945                | EMUS070946          | 3RD PARTY ANALYST REPORTS | 2/1/2002   |
| EMUS048007                | EMUS048014          | 3RD PARTY ANALYST REPORTS | 03/00/2002 |
| ITNA00070964              | ITNA00070990        | 3RD PARTY ANALYST REPORTS | 00/00/0000 |
| ITNA00071311              | ITNA00071322        | 3RD PARTY ANALYST REPORTS | 00/00/0000 |
| ITNA00024292              | ITNA00024298        | 3RD PARTY ANALYST REPORTS | 08/00/1998 |
| ITNA00074242              | ITNA00074250        | 3RD PARTY ANALYST REPORTS | 8/3/1998   |
| ITNA00026910              | ITNA00026919        | 3RD PARTY ANALYST REPORTS | 8/3/1998   |
| ITNA00070515              | ITNA00070518        | 3RD PARTY ANALYST REPORTS | 8/24/1998  |
| ITNA00072828              | ITNA00072842        | 3RD PARTY ANALYST REPORTS | 01/00/1999 |
| ITNA00073992              | ITNA00074023        | 3RD PARTY ANALYST REPORTS | 1/13/1999  |
| ITNA00002806              | ITNA00002809        | 3RD PARTY ANALYST REPORTS | 1/15/1999  |
| ITNA00002803              | ITNA00002805        | 3RD PARTY ANALYST REPORTS | 1/29/1999  |
| ITNA01045818              | ITNA01045821        | 3RD PARTY ANALYST REPORTS | 1/29/1999  |
| ITNA01279276              | ITNA01279276        | 3RD PARTY ANALYST REPORTS | 1/29/1999  |
| ITNA00055922              | ITNA00055925        | 3RD PARTY ANALYST REPORTS | 02/00/1999 |
| ITNA01279328              | ITNA01279332        | 3RD PARTY ANALYST REPORTS | 2/18/1999  |
| ITNA01279375              | ITNA01279382        | 3RD PARTY ANALYST REPORTS | 4/7/1999   |
| ITNA00073184              | ITNA00073191        | 3RD PARTY ANALYST REPORTS | 6/2/1999   |
| ITNA01066844              | ITNA01066850        | 3RD PARTY ANALYST REPORTS | 7/23/1999  |
| ITNA00071304              | ITNA00071307        | 3RD PARTY ANALYST REPORTS | 8/6/1999   |
| ITNA00073226              | ITNA00073227        | 3RD PARTY ANALYST REPORTS | 10/13/1999 |
| ITNA01315970              | ITNA01316151        | 3RD PARTY ANALYST REPORTS | 11/5/1999  |
| ITNA00071308              | ITNA00071310        | 3RD PARTY ANALYST REPORTS | 12/8/1999  |
| ITNA01082831              | ITNA01082837        | 3RD PARTY ANALYST REPORTS | 3/22/2000  |
| ITNA01265040              | ITNA01265046        | 3RD PARTY ANALYST REPORTS | 3/22/2000  |
| ITNA01265048              | ITNA01265050        | 3RD PARTY ANALYST REPORTS | 4/14/2000  |
| ITNA01262886              | ITNA01262892        | 3RD PARTY ANALYST REPORTS | 4/28/2000  |
| ITNA00056721              | ITNA00056958        | 3RD PARTY ANALYST REPORTS | 5/22/2000  |
| ITNA01252247              | ITNA01252250        | 3RD PARTY ANALYST REPORTS | 6/28/2000  |
| ITNA01252256              | ITNA01252267        | 3RD PARTY ANALYST REPORTS | 8/16/2000  |
| ITNA01070741              | ITNA01070742        | 3RD PARTY ANALYST REPORTS | 11/2/2000  |
| ITNA01319524              | ITNA01319528        | 3RD PARTY ANALYST REPORTS | 11/10/2000 |
| ITNA01303206              | ITNA01303210        | 3RD PARTY ANALYST REPORTS | 11/27/2000 |
| ITNA01059238              | ITNA01059242        | 3RD PARTY ANALYST REPORTS | 11/27/2000 |
| ITNA01303215              | ITNA01303221        | 3RD PARTY ANALYST REPORTS | 12/4/2000  |
| ITNA01303222              | ITNA01303225        | 3RD PARTY ANALYST REPORTS | 12/4/2000  |
| ITNA01303226              | ITNA01303236        | 3RD PARTY ANALYST REPORTS | 12/7/2000  |
| ITNA01252273              | ITNA01252276        | 3RD PARTY ANALYST REPORTS | 12/15/2000 |
| ITNA01110549              | ITNA01110550        | 3RD PARTY ANALYST REPORTS | 12/19/2000 |
| ITNA01152405              | ITNA01152406        | 3RD PARTY ANALYST REPORTS | 00/00/2001 |



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| ITNA01015938              | ITNA01015942        | 3RD PARTY ANALYST REPORTS | 00/00/2001 |
| ITNA01099899              | ITNA01099903        | 3RD PARTY ANALYST REPORTS | 00/00/2001 |
| ITNA01070778              | ITNA01070780        | 3RD PARTY ANALYST REPORTS | 1/9/2001   |
| ITNA01047226              | ITNA01047232        | 3RD PARTY ANALYST REPORTS | 1/29/2001  |
| ITNA00073661              | ITNA00073760        | 3RD PARTY ANALYST REPORTS | 02/00/2001 |
| ITNA01252299              | ITNA01252303        | 3RD PARTY ANALYST REPORTS | 2/1/2001   |
| ITNA01115539              | ITNA01115543        | 3RD PARTY ANALYST REPORTS | 2/1/2001   |
| ITNA01115736              | ITNA01115738        | 3RD PARTY ANALYST REPORTS | 2/15/2001  |
| ITNA01121137              | ITNA01121138        | 3RD PARTY ANALYST REPORTS | 2/17/2001  |
| ITNA01121258              | ITNA01121283        | 3RD PARTY ANALYST REPORTS | 2/20/2001  |
| ITNA01121255              | ITNA01121257        | 3RD PARTY ANALYST REPORTS | 2/22/2001  |
| ITNA01116204              | ITNA01116212        | 3RD PARTY ANALYST REPORTS | 3/5/2001   |
| ITNA01122222              | ITNA01122224        | 3RD PARTY ANALYST REPORTS | 3/7/2001   |
| ITNA01116242              | ITNA01116247        | 3RD PARTY ANALYST REPORTS | 3/7/2001   |
| ITNA01122347              | ITNA01122382        | 3RD PARTY ANALYST REPORTS | 3/15/2001  |
| ITNA01006487              | ITNA01006492        | 3RD PARTY ANALYST REPORTS | 3/19/2001  |
| ITNA01116392              | ITNA01116396        | 3RD PARTY ANALYST REPORTS | 3/19/2001  |
| ITNA01122590              | ITNA01122592        | 3RD PARTY ANALYST REPORTS | 3/22/2001  |
| ITNA01122918              | ITNA01122919        | 3RD PARTY ANALYST REPORTS | 3/30/2001  |
| ITNA01303463              | ITNA01303466        | 3RD PARTY ANALYST REPORTS | 4/3/2001   |
| ITNA01059484              | ITNA01059486        | 3RD PARTY ANALYST REPORTS | 4/3/2001   |
| ITNA01303493              | ITNA01303514        | 3RD PARTY ANALYST REPORTS | 4/16/2001  |
| ITNA01254893              | ITNA01254898        | 3RD PARTY ANALYST REPORTS | 4/16/2001  |
| ITNA01303524              | ITNA01303553        | 3RD PARTY ANALYST REPORTS | 4/30/2001  |
| ITNA01059570              | ITNA01059576        | 3RD PARTY ANALYST REPORTS | 4/30/2001  |
| ITNA01303554              | ITNA01303560        | 3RD PARTY ANALYST REPORTS | 5/2/2001   |
| ITNA01303561              | ITNA01303572        | 3RD PARTY ANALYST REPORTS | 5/2/2001   |
| ITNA01059535              | ITNA01059537        | 3RD PARTY ANALYST REPORTS | 5/2/2001   |
| ITNA01070911              | ITNA01070918        | 3RD PARTY ANALYST REPORTS | 5/7/2001   |
| ITNA01070931              | ITNA01070937        | 3RD PARTY ANALYST REPORTS | 5/14/2001  |
| ITNA01070938              | ITNA01070958        | 3RD PARTY ANALYST REPORTS | 5/14/2001  |
| ITNA01145246              | ITNA01145248        | 3RD PARTY ANALYST REPORTS | 5/29/2001  |
| ITNA01145243              | ITNA01145244        | 3RD PARTY ANALYST REPORTS | 6/1/2001   |
| ITNA01252310              | ITNA01252314        | 3RD PARTY ANALYST REPORTS | 6/21/2001  |
| ITNA01082492              | ITNA01082579        | 3RD PARTY ANALYST REPORTS | 07/00/2001 |
| ITNA01059601              | ITNA01059610        | 3RD PARTY ANALYST REPORTS | 7/9/2001   |
| ITNA01252315              | ITNA01252318        | 3RD PARTY ANALYST REPORTS | 7/11/2001  |
| ITNA01303585              | ITNA01303595        | 3RD PARTY ANALYST REPORTS | 7/13/2001  |
| ITNA01252337              | ITNA01252341        | 3RD PARTY ANALYST REPORTS | 7/24/2001  |
| ITNA01085843              | ITNA01085850        | 3RD PARTY ANALYST REPORTS | 8/2/2001   |
| ITNA01130667              | ITNA01130674        | 3RD PARTY ANALYST REPORTS | 8/2/2001   |
| ITNA01071040              | ITNA01071045        | 3RD PARTY ANALYST REPORTS | 8/13/2001  |
| ITNA01071055              | ITNA01071061        | 3RD PARTY ANALYST REPORTS | 8/20/2001  |
| ITNA01085875              | ITNA01085877        | 3RD PARTY ANALYST REPORTS | 8/29/2001  |
| ITNA01015879              | ITNA01015889        | 3RD PARTY ANALYST REPORTS | 9/6/2001   |
| ITNA01147927              | ITNA01147928        | 3RD PARTY ANALYST REPORTS | 9/24/2001  |
| ITNA01265141              | ITNA01265144        | 3RD PARTY ANALYST REPORTS | 9/25/2001  |

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|-----------------------------------|-----------------------------|---------------------------|-------------|
| ITNA01252347                      | ITNA01252350                | 3RD PARTY ANALYST REPORTS | 9/26/2001   |
| ITNA01205933                      | ITNA01205938                | 3RD PARTY ANALYST REPORTS | 9/26/2001   |
| ITNA01205942                      | ITNA01205944                | 3RD PARTY ANALYST REPORTS | 9/26/2001   |
| ITNA01221990                      | ITNA01221993                | 3RD PARTY ANALYST REPORTS | 9/26/2001   |
| ITNA01265190                      | ITNA01265195                | 3RD PARTY ANALYST REPORTS | 9/26/2001   |
| ITNA01205951                      | ITNA01205962                | 3RD PARTY ANALYST REPORTS | 9/29/2001   |
| ITNA01071099                      | ITNA01071107                | 3RD PARTY ANALYST REPORTS | 10/9/2001   |
| ITNA01071124                      | ITNA01071129                | 3RD PARTY ANALYST REPORTS | 11/1/2001   |
| ITNA01148762                      | ITNA01148764                | 3RD PARTY ANALYST REPORTS | 11/7/2001   |
| ITNA01252413                      | ITNA01252417                | 3RD PARTY ANALYST REPORTS | 11/14/2001  |
| ITNA01020094                      | ITNA01020096                | 3RD PARTY ANALYST REPORTS | 11/20/2001  |
| ITNA01318682                      | ITNA01318684                | 3RD PARTY ANALYST REPORTS | 11/26/2001  |
| ITNA01257296                      | ITNA01257301                | 3RD PARTY ANALYST REPORTS | 11/26/2001  |
| ITNA01140637                      | ITNA01140642                | 3RD PARTY ANALYST REPORTS | 11/30/2001  |
| ITNA01229207                      | ITNA01229212                | 3RD PARTY ANALYST REPORTS | 12/1/2001   |
| ITNA01103508                      | ITNA01103513                | 3RD PARTY ANALYST REPORTS | 12/1/2001   |
| ITNA01265210                      | ITNA01265214                | 3RD PARTY ANALYST REPORTS | 12/4/2001   |
| ITNA01252428                      | ITNA01252438                | 3RD PARTY ANALYST REPORTS | 12/14/2001  |
| ITNA01023439                      | ITNA01023449                | 3RD PARTY ANALYST REPORTS | 12/14/2001  |
| ITNA01265353                      | ITNA01265355                | 3RD PARTY ANALYST REPORTS | 12/17/2001  |
| ITNA01265370                      | ITNA01265374                | 3RD PARTY ANALYST REPORTS | 1/7/2002    |
| ITNA01210314                      | ITNA01210323                | 3RD PARTY ANALYST REPORTS | 1/14/2002   |
| ITNA01280270                      | ITNA01280273                | 3RD PARTY ANALYST REPORTS | 1/18/2002   |
| ITNA01252453                      | ITNA01252459                | 3RD PARTY ANALYST REPORTS | 1/22/2002   |
| ITNA01255707                      | ITNA01255712                | 3RD PARTY ANALYST REPORTS | 1/22/2002   |
| ITNA01265459                      | ITNA01265461                | 3RD PARTY ANALYST REPORTS | 2/1/2002    |
| ITNA01212705                      | ITNA01212706                | 3RD PARTY ANALYST REPORTS | 2/1/2002    |
| ITNA00011969                      | ITNA00011974                | 3RD PARTY ANALYST REPORTS | 2/4/2002    |
| ITNA01265464                      | ITNA01265466                | 3RD PARTY ANALYST REPORTS | 2/22/2002   |
| ITNA01255780                      | ITNA01255785                | 3RD PARTY ANALYST REPORTS | 2/25/2002   |
| ITNA01153105                      | ITNA01153116                | 3RD PARTY ANALYST REPORTS | 03/00/2002  |
| ITNA01252478                      | ITNA01252484                | 3RD PARTY ANALYST REPORTS | 3/8/2002    |
| ITNA01082732                      | ITNA01082743                | 3RD PARTY ANALYST REPORTS | 3/15/2002   |
| ITNA01265467                      | ITNA01265471                | 3RD PARTY ANALYST REPORTS | 3/18/2002   |
| ITNA01150759                      | ITNA01150768                | 3RD PARTY ANALYST REPORTS | 3/18/2002   |
| ITNA00070159                      | ITNA00070168                | 3RD PARTY ANALYST REPORTS | 3/18/2002   |
| ITNA01206349                      | ITNA01206353                | 3RD PARTY ANALYST REPORTS | 3/22/2002   |
| ITNA01238997                      | ITNA01238201                | 3RD PARTY ANALYST REPORTS | 3/22/2002   |
| ITNA01265485                      | ITNA01265494                | 3RD PARTY ANALYST REPORTS | 3/22/2002   |
| ITNA01265473                      | ITNA01265481                | 3RD PARTY ANALYST REPORTS | 3/22/2002   |
| ITNA01158537                      | ITNA01158541                | 3RD PARTY ANALYST REPORTS | 3/22/2002   |
| ITNA01086463                      | ITNA01086465                | 3RD PARTY ANALYST REPORTS | 3/22/2002   |
| ITNA01151361                      | ITNA01151367                | 3RD PARTY ANALYST REPORTS | 04/00/2002  |
| ITNA01070453                      | ITNA01070457                | 3RD PARTY ANALYST REPORTS | 04/00/2002  |
| ITNA00070154                      | ITNA00070158                | 3RD PARTY ANALYST REPORTS | 04/00/2002  |
| ITNA00073171                      | ITNA00073175                | 3RD PARTY ANALYST REPORTS | 04/00/2002  |
| ITNA01206602                      | ITNA01206606                | 3RD PARTY ANALYST REPORTS | 04/00/2002  |

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| ITNA01006882              | ITNA01006913        | 3RD PARTY ANALYST REPORTS | 4/10/2002  |
| ITNA01159686              | ITNA01159694        | 3RD PARTY ANALYST REPORTS | 4/10/2002  |
| ITNA01241073              | ITNA01241082        | 3RD PARTY ANALYST REPORTS | 4/12/2002  |
| ITNA01255805              | ITNA01255814        | 3RD PARTY ANALYST REPORTS | 4/18/2002  |
| ITNA01252509              | ITNA01252523        | 3RD PARTY ANALYST REPORTS | 4/24/2002  |
| ITNA01004238              | ITNA01004244        | 3RD PARTY ANALYST REPORTS | 5/13/2002  |
| ITNA01007039              | ITNA01007042        | 3RD PARTY ANALYST REPORTS | 5/14/2002  |
| ITNA01100182              | ITNA01100185        | 3RD PARTY ANALYST REPORTS | 5/20/2002  |
| ITNA01004263              | ITNA01004269        | 3RD PARTY ANALYST REPORTS | 5/20/2002  |
| ITNA01100186              | ITNA01100192        | 3RD PARTY ANALYST REPORTS | 5/20/2002  |
| ITNA01004286              | ITNA01004291        | 3RD PARTY ANALYST REPORTS | 6/3/2002   |
| ITNA01255846              | ITNA01255851        | 3RD PARTY ANALYST REPORTS | 6/3/2002   |
| ITNA01004317              | ITNA01004323        | 3RD PARTY ANALYST REPORTS | 6/10/2002  |
| ITNA01004358              | ITNA01004364        | 3RD PARTY ANALYST REPORTS | 6/17/2002  |
| ITNA01042399              | ITNA01042401        | 3RD PARTY ANALYST REPORTS | 6/21/2002  |
| ITNA01004391              | ITNA01004396        | 3RD PARTY ANALYST REPORTS | 6/24/2002  |
| ITNA01002202              | ITNA01002204        | 3RD PARTY ANALYST REPORTS | 6/25/2002  |
| ITNA01002207              | ITNA01002210        | 3RD PARTY ANALYST REPORTS | 6/25/2002  |
| ITNA01002220              | ITNA01002226        | 3RD PARTY ANALYST REPORTS | 6/26/2002  |
| ITNA01007043              | ITNA01007052        | 3RD PARTY ANALYST REPORTS | 6/27/2002  |
| ITNA01007243              | ITNA01007252        | 3RD PARTY ANALYST REPORTS | 6/27/2002  |
| ITNA01002280              | ITNA01002306        | 3RD PARTY ANALYST REPORTS | 7/1/2002   |
| ITNA01004417              | ITNA01004426        | 3RD PARTY ANALYST REPORTS | 7/1/2002   |
| ITNA01280661              | ITNA01280667        | 3RD PARTY ANALYST REPORTS | 7/2/2002   |
| ITNA01153124              | ITNA01153141        | 3RD PARTY ANALYST REPORTS | 10/6/2002  |
| MU00613358                | MU00613377          | 3RD PARTY ANALYST REPORTS | 12/00/1997 |
| MU00116467                | MU00116524          | 3RD PARTY ANALYST REPORTS | 04/00/1999 |
| MU00315504                | MU00315506          | 3RD PARTY ANALYST REPORTS | 4/7/1999   |
| MU00094437                | MU00094501          | 3RD PARTY ANALYST REPORTS | 06/00/1999 |
| MU00094436                | MU00094501          | 3RD PARTY ANALYST REPORTS | 6/29/1999  |
| MU00094569                | MU00094625          | 3RD PARTY ANALYST REPORTS | 09/00/1999 |
| MU00094568                | MU00094625          | 3RD PARTY ANALYST REPORTS | 9/13/1999  |
| MU00112519                | MU00112547          | 3RD PARTY ANALYST REPORTS | 11/5/1999  |
| MU00112484                | MU00112511          | 3RD PARTY ANALYST REPORTS | 11/10/1999 |
| MU00116964                | MU00117043          | 3RD PARTY ANALYST REPORTS | 12/00/1999 |
| MU00116931                | MU00116963          | 3RD PARTY ANALYST REPORTS | 1/25/2000  |
| MU00116813                | MU00116867          | 3RD PARTY ANALYST REPORTS | 1/31/2000  |
| MU00666993                | MU00667088          | 3RD PARTY ANALYST REPORTS | 02/00/2000 |
| MU00095023                | MU00095026          | 3RD PARTY ANALYST REPORTS | 6/19/2000  |
| MU00095021                | MU00095026          | 3RD PARTY ANALYST REPORTS | 6/20/2000  |
| MU00117365                | MU00117477          | 3RD PARTY ANALYST REPORTS | 7/3/2000   |
| MU00316960                | MU00316962          | 3RD PARTY ANALYST REPORTS | 8/7/2000   |
| MU00450385                | MU00450404          | 3RD PARTY ANALYST REPORTS | 00/00/2001 |
| MU00095868                | MU00095871          | 3RD PARTY ANALYST REPORTS | 04/00/2001 |
| MU00674277                | MU00674280          | 3RD PARTY ANALYST REPORTS | 04/00/2001 |
| MU00072540                | MU00072542          | 3RD PARTY ANALYST REPORTS | 5/29/2001  |
| MU00169227                | MU00169229          | 3RD PARTY ANALYST REPORTS | 5/29/2001  |

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| MU00252971                | MU00252982          | 3RD PARTY ANALYST REPORTS | 5/29/2001  |
| MU00284934                | MU00284937          | 3RD PARTY ANALYST REPORTS | 5/30/2001  |
| MU00118088                | MU00118089          | 3RD PARTY ANALYST REPORTS | 6/1/2001   |
| MU00217920                | MU00217921          | 3RD PARTY ANALYST REPORTS | 6/20/2001  |
| MU00095994                | MU00096056          | 3RD PARTY ANALYST REPORTS | 7/3/2001   |
| MU00096958                | MU00096960          | 3RD PARTY ANALYST REPORTS | 09/00/2001 |
| MU00220092                | MU00220102          | 3RD PARTY ANALYST REPORTS | 9/6/2001   |
| MU00097099                | MU00097101          | 3RD PARTY ANALYST REPORTS | 9/26/2001  |
| MU00097099                | MU00097101          | 3RD PARTY ANALYST REPORTS | 9/26/2001  |
| MU00289647                | MU00289658          | 3RD PARTY ANALYST REPORTS | 9/28/2001  |
| MU00097413                | MU00097415          | 3RD PARTY ANALYST REPORTS | 10/00/2001 |
| MU00097447                | MU00097458          | 3RD PARTY ANALYST REPORTS | 10/00/2001 |
| MU00097219                | MU00097234          | 3RD PARTY ANALYST REPORTS | 10/1/2001  |
| MU00097239                | MU00097257          | 3RD PARTY ANALYST REPORTS | 10/2/2001  |
| MU00097293                | MU00097327          | 3RD PARTY ANALYST REPORTS | 10/5/2001  |
| MU00097531                | MU00097569          | 3RD PARTY ANALYST REPORTS | 10/8/2001  |
| MU00097334                | MU00097340          | 3RD PARTY ANALYST REPORTS | 10/9/2001  |
| MU00097333                | MU00097340          | 3RD PARTY ANALYST REPORTS | 10/11/2001 |
| MU00097426                | MU00097445          | 3RD PARTY ANALYST REPORTS | 10/29/2001 |
| MU00097522                | MU00097538          | 3RD PARTY ANALYST REPORTS | 11/12/2001 |
| MU00027145                | MU00027156          | 3RD PARTY ANALYST REPORTS | 11/19/2001 |
| MU00027147                | MU00027151          | 3RD PARTY ANALYST REPORTS | 11/19/2001 |
| MU00097618                | MU00097620          | 3RD PARTY ANALYST REPORTS | 12/3/2001  |
| MU00097619                | MU00097620          | 3RD PARTY ANALYST REPORTS | 12/3/2001  |
| MU00097626                | MU00097695          | 3RD PARTY ANALYST REPORTS | 12/14/2001 |
| MU00097625                | MU00097695          | 3RD PARTY ANALYST REPORTS | 12/16/2001 |
| MU00097703                | MU00097707          | 3RD PARTY ANALYST REPORTS | 12/18/2001 |
| MU00097704                | MU00097707          | 3RD PARTY ANALYST REPORTS | 12/18/2001 |
| MU00097715                | MU00097717          | 3RD PARTY ANALYST REPORTS | 1/3/2002   |
| MU00097716                | MU00097717          | 3RD PARTY ANALYST REPORTS | 1/3/2002   |
| MU00635084                | MU00635116          | 3RD PARTY ANALYST REPORTS | 1/17/2002  |
| MU00097759                | MU00097765          | 3RD PARTY ANALYST REPORTS | 1/28/2002  |
| MU00097760                | MU00097763          | 3RD PARTY ANALYST REPORTS | 1/28/2002  |
| MU00097764                | MU00097765          | 3RD PARTY ANALYST REPORTS | 1/28/2002  |
| MU00097768                | MU00097772          | 3RD PARTY ANALYST REPORTS | 2/4/2002   |
| MU00097769                | MU00097772          | 3RD PARTY ANALYST REPORTS | 2/4/2002   |
| MU00057757                | MU00057761          | 3RD PARTY ANALYST REPORTS | 2/27/2002  |
| MU00097974                | MU00097979          | 3RD PARTY ANALYST REPORTS | 3/8/2002   |
| MU00024349                | MU00024352          | 3RD PARTY ANALYST REPORTS | 3/11/2002  |
| MU00097973                | MU00097979          | 3RD PARTY ANALYST REPORTS | 3/11/2002  |
| MU00393666                | MU00393695          | 3RD PARTY ANALYST REPORTS | 04/00/2002 |
| MU00049771                | MU00049802          | 3RD PARTY ANALYST REPORTS | 05/00/2002 |
| MU00141501                | MU00141507          | 3RD PARTY ANALYST REPORTS | 05/00/2002 |
| MU00230726                | MU00230730          | 3RD PARTY ANALYST REPORTS | 05/00/2002 |
| MU00278119                | MU00278125          | 3RD PARTY ANALYST REPORTS | 05/00/2002 |
| MU00051693                | MU00051717          | 3RD PARTY ANALYST REPORTS | 06/00/2002 |
| MU00052423                | MU00052434          | 3RD PARTY ANALYST REPORTS | 6/24/2002  |

| Beginning<br>Bates Number | End Bates<br>Number | Type                      | Date       |
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| MU00327388                | MU00327458          | 3RD PARTY ANALYST REPORTS | 6/26/2002  |
| MU00051010                | MU00051011          | 3RD PARTY ANALYST REPORTS | 6/28/2002  |
| MU00052468                | MU00052483          | 3RD PARTY ANALYST REPORTS | 7/1/2002   |
| MU00051208                | MU00051244          | 3RD PARTY ANALYST REPORTS | 7/2/2002   |
| MU00051693                | MU00051717          | 3RD PARTY ANALYST REPORTS | 7/8/2002   |
| MU00051777                | MU00051812          | 3RD PARTY ANALYST REPORTS | 7/8/2002   |
| MU00524877                | MU00524884          | 3RD PARTY ANALYST REPORTS | 7/8/2002   |
| MU00051826                | MU00051833          | 3RD PARTY ANALYST REPORTS | 7/9/2002   |
| MU00051828                | MU00051833          | 3RD PARTY ANALYST REPORTS | 7/9/2002   |
| MU00051882                | MU00051882          | 3RD PARTY ANALYST REPORTS | 7/10/2002  |
| MU00021686                | MU00021695          | 3RD PARTY ANALYST REPORTS | 7/15/2002  |
| MU00021687                | MU00021695          | 3RD PARTY ANALYST REPORTS | 7/15/2002  |
| MU00052183                | MU00052191          | 3RD PARTY ANALYST REPORTS | 7/15/2002  |
| MU00052184                | MU00052191          | 3RD PARTY ANALYST REPORTS | 7/15/2002  |
| MU00052327                | MU00052337          | 3RD PARTY ANALYST REPORTS | 7/15/2002  |
| MU00052398                | MU00052404          | 3RD PARTY ANALYST REPORTS | 7/15/2002  |
| MU00142234                | MU00142242          | 3RD PARTY ANALYST REPORTS | 7/15/2002  |
| MU00053019                | MU00053030          | 3RD PARTY ANALYST REPORTS | 7/16/2002  |
| MU00526004                | MU00526010          | 3RD PARTY ANALYST REPORTS | 7/30/2002  |
| MU00053328                | MU00053336          | 3RD PARTY ANALYST REPORTS | 8/2/2002   |
| MVC012339                 | MVC012357           | 3RD PARTY ANALYST REPORTS | 03/00/1999 |
| MVC012023                 | MVC012207           | 3RD PARTY ANALYST REPORTS | 04/00/1999 |
| MVC014073                 | MVC014125           | 3RD PARTY ANALYST REPORTS | 11/00/1999 |
| MVC008846                 | MVC008891           | 3RD PARTY ANALYST REPORTS | 00/00/2000 |
| MVC009377                 | MVC009596           | 3RD PARTY ANALYST REPORTS | 01/00/2000 |
| MVC008677                 | MVC008751           | 3RD PARTY ANALYST REPORTS | 02/00/2000 |
| MVC008466                 | MVC008466           | 3RD PARTY ANALYST REPORTS | 04/00/2000 |
| MVC009299                 | MVC009337           | 3RD PARTY ANALYST REPORTS | 04/00/2000 |
| MVC009642                 | MVC009680           | 3RD PARTY ANALYST REPORTS | 05/00/2000 |
| MVC011408                 | MVC011413           | 3RD PARTY ANALYST REPORTS | 6/2/2000   |
| MVC011419                 | MVC011424           | 3RD PARTY ANALYST REPORTS | 6/9/2000   |
| MVC011403                 | MVC011404           | 3RD PARTY ANALYST REPORTS | 6/19/2000  |
| MVC011414                 | MVC011418           | 3RD PARTY ANALYST REPORTS | 6/23/2000  |
| MVC011398                 | MVC011399           | 3RD PARTY ANALYST REPORTS | 6/27/2000  |
| MVC011479                 | MVC011530           | 3RD PARTY ANALYST REPORTS | 6/30/2000  |
| MVC010433                 | MVC010475           | 3RD PARTY ANALYST REPORTS | 07/00/2000 |
| MVC010385                 | MVC010432           | 3RD PARTY ANALYST REPORTS | 08/00/2000 |
| MVC007501                 | MVC007501           | 3RD PARTY ANALYST REPORTS | 8/7/2000   |
| MVC007483                 | MVC007483           | 3RD PARTY ANALYST REPORTS | 8/17/2000  |
| MVC012566                 | MVC012567           | 3RD PARTY ANALYST REPORTS | 8/23/2000  |
| MVC007486                 | MVC007486           | 3RD PARTY ANALYST REPORTS | 9/1/2000   |
| MVC009682                 | MVC009718           | 3RD PARTY ANALYST REPORTS | 10/00/2000 |
| MVC007494                 | MVC007495           | 3RD PARTY ANALYST REPORTS | 10/10/2000 |
| MVC007496                 | MVC007496           | 3RD PARTY ANALYST REPORTS | 10/17/2000 |
| MVC007497                 | MVC007498           | 3RD PARTY ANALYST REPORTS | 10/19/2000 |
| MVC007508                 | MVC007508           | 3RD PARTY ANALYST REPORTS | 10/26/2000 |
| MVC007511                 | MVC007511           | 3RD PARTY ANALYST REPORTS | 10/30/2000 |



| Beginning<br>Bates Number | End Bates<br>Number | Type                      | Date       |
|---------------------------|---------------------|---------------------------|------------|
| MVC007509                 | MVC007510           | 3RD PARTY ANALYST REPORTS | 10/30/2000 |
| MVC010753                 | MVC010789           | 3RD PARTY ANALYST REPORTS | 11/00/2000 |
| MVC013759                 | MVC013794           | 3RD PARTY ANALYST REPORTS | 11/00/2000 |
| MVC009173                 | MVC009206           | 3RD PARTY ANALYST REPORTS | 12/00/2000 |
| MVC014264                 | MVC014275           | 3RD PARTY ANALYST REPORTS | 01/00/2001 |
| MVC010813                 | MVC010849           | 3RD PARTY ANALYST REPORTS | 02/00/2001 |
| MVC009766                 | MVC009816           | 3RD PARTY ANALYST REPORTS | 02/00/2001 |
| MVC013929                 | MVC013982           | 3RD PARTY ANALYST REPORTS | 04/00/2001 |
| MVC010925                 | MVC010979           | 3RD PARTY ANALYST REPORTS | 04/00/2001 |
| MVC009719                 | MVC009765           | 3RD PARTY ANALYST REPORTS | 04/00/2001 |
| MVC011469                 | MVC011471           | 3RD PARTY ANALYST REPORTS | 11/7/2001  |
| MVC046493                 | MVC046493           | 3RD PARTY ANALYST REPORTS | 11/12/2001 |
| MVC008464                 | MVC008465           | 3RD PARTY ANALYST REPORTS | 12/00/2001 |
| MVC008614                 | MVC008622           | 3RD PARTY ANALYST REPORTS | 12/28/2001 |
| MVC008333                 | MVC008840           | 3RD PARTY ANALYST REPORTS | 1/9/2002   |
| MVC008459                 | MVC008463           | 3RD PARTY ANALYST REPORTS | 04/00/2002 |
| MVC062034                 | MVC062035           | 3RD PARTY ANALYST REPORTS | 4/9/2002   |
| NTC073003092              | NTC073003139        | 3RD PARTY ANALYST REPORTS | 01/00/2001 |
| NTC075003244              | NTC075003254        | 3RD PARTY ANALYST REPORTS | 7/9/2001   |
| NTC060001222              | NTC060001256        | 3RD PARTY ANALYST REPORTS | 7/10/2001  |
| NTC042000007              | NTC042000010        | 3RD PARTY ANALYST REPORTS | 7/23/2001  |
| NTC055000139              | NTC055000142        | 3RD PARTY ANALYST REPORTS | 7/23/2001  |
| NTC057001233              | NTC057001291        | 3RD PARTY ANALYST REPORTS | 8/24/2001  |
| NTC000008879              | NTC000008889        | 3RD PARTY ANALYST REPORTS | 00/00/2002 |
| NTC059000003              | NTC059000035        | 3RD PARTY ANALYST REPORTS | 1/10/2002  |
| NTC073003856              | NTC073003865        | 3RD PARTY ANALYST REPORTS | 4/12/2002  |
| SSI-0005018211            | SSI-0005018216      |                           |            |
| SSI-0010154427            | SSI-0010154427      |                           | 00/00/0000 |
| SSI-0005117293            | SSI-0005117295      |                           | 8/13/1999  |
| SSI-0005116816            | SSI-0005116817      |                           | 8/30/1999  |
| SSI-0005117569            | SSI-0005117570      |                           | 10/14/1999 |
| SSI-0005117571            | SSI-0005117572      |                           | 10/21/1999 |
| SSI-0005116818            | SSI-0005116819      |                           | 11/1/1999  |
| SSI-0005116820            | SSI-0005116822      |                           | 11/19/1999 |
| SSI-0005116823            | SSI-0005116831      |                           | 12/2/1999  |
| SSI-0005116832            | SSI-0005116836      |                           | 12/14/1999 |
| SSI-0005035581            | SSI-0005035582      |                           | 2/21/2000  |
| SSI-0005116665            | SSI-0005116668      |                           | 4/17/2000  |
| SSI-0005111334            | SSI-0005111394      |                           | 7/24/2000  |
| SSI-0005120128            | SSI-0005120990      |                           | 08/00/2000 |
| SSI-0005116669            | SSI-0005116676      |                           | 9/22/2000  |
| SSI-0005116677            | SSI-0005116680      |                           | 10/4/2000  |
| SSI-0005192264            | SSI-0005192269      |                           | 10/9/2000  |
| SSI-0005116681            | SSI-0005116685      |                           | 10/23/2000 |
| SSI-0005117275            | SSI-0005117277      |                           | 11/8/2000  |
| SSI-0005117573            | SSI-0005117575      |                           | 11/16/2000 |
| SSI-0005192260            | SSI-0005192262      |                           | 11/22/2000 |



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|---------------------------|---------------------|------|------------|
| SSI-0005117622            | SSI-0005117626      |      | 11/27/2000 |
| SSI-0005116686            | SSI-0005116690      |      | 12/4/2000  |
| SSI-0005113328            | SSI-0005113331      |      | 12/11/2000 |
| SSI-0005117278            | SSI-0005117279      |      | 12/15/2000 |
| SSI-0005117605            | SSI-0005117616      |      | 12/18/2000 |
| SSI-0005117576            | SSI-0005117577      |      | 12/19/2000 |
| SSI-0005117578            | SSI-0005117582      |      | 12/22/2000 |
| SSI-0005012545            | SSI-0005012589      |      | 12/26/2000 |
| SSI-0005014236            | SSI-0005014248      |      | 01/00/2001 |
| SSI-0005036356            | SSI-0005036409      |      | 1/3/2001   |
| SSI-0005012718            | SSI-0005012730      |      | 1/4/2001   |
| SSI-0005012765            | SSI-0005012769      |      | 1/8/2001   |
| SSI-0005012770            | SSI-0005012773      |      | 1/8/2001   |
| SSI-0005012827            | SSI-0005012830      |      | 1/8/2001   |
| SSI-0005012958            | SSI-0005012960      |      | 1/9/2001   |
| SSI-0005012988            | SSI-0005013043      |      | 1/11/2001  |
| SSI-0005013317            | SSI-0005013348      |      | 1/15/2001  |
| SSI-0005084542            | SSI-0005084558      |      | 1/15/2001  |
| SSI-0005013360            | SSI-0005013364      |      | 1/16/2001  |
| SSI-0005013352            | SSI-0005013359      |      | 1/18/2001  |
| SSI-0005013567            | SSI-0005013598      |      | 1/18/2001  |
| SSI-0005084388            | SSI-0005084434      |      | 1/18/2001  |
| SSI-0005013561            | SSI-0005013566      |      | 1/22/2001  |
| SSI-0005013599            | SSI-0005013605      |      | 1/22/2001  |
| SSI-0005013615            | SSI-0005013624      |      | 1/22/2001  |
| SSI-0005013671            | SSI-0005013674      |      | 1/22/2001  |
| SSI-0005013712            | SSI-0005013715      |      | 1/24/2001  |
| SSI-0005013729            | SSI-0005013809      |      | 1/24/2001  |
| SSI-0005013846            | SSI-0005013848      |      | 1/25/2001  |
| SSI-0005013959            | SSI-0005013968      |      | 1/29/2001  |
| SSI-0005013970            | SSI-0005013974      |      | 1/29/2001  |
| SSI-0005014013            | SSI-0005014015      |      | 1/29/2001  |
| SSI-0005014177            | SSI-0005014195      |      | 1/31/2001  |
| SSI-0005116798            | SSI-0005116803      |      | 2/1/2001   |
| SSI-0005014165            | SSI-0005014167      |      | 2/1/2001   |
| SSI-0005014171            | SSI-0005014176      |      | 2/1/2001   |
| SSI-0005014196            | SSI-0005014202      |      | 2/1/2001   |
| SSI-0005014203            | SSI-0005014210      |      | 2/1/2001   |
| SSI-0005084226            | SSI-0005084274      |      | 2/1/2001   |
| SSI-0005014318            | SSI-0005014321      |      | 2/2/2001   |
| SSI-0005014391            | SSI-0005014396      |      | 2/5/2001   |
| SSI-0005014249            | SSI-0005014257      |      | 2/5/2001   |
| SSI-0005014528            | SSI-0005014529      |      | 2/6/2001   |
| SSI-0005014530            | SSI-0005014536      |      | 2/6/2001   |
| SSI-0005084209            | SSI-0005084225      |      | 2/6/2001   |
| SSI-0005014608            | SSI-0005014617      |      | 2/7/2001   |
| SSI-0005014592            | SSI-0005014595      |      | 2/8/2001   |

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| SSI-0005014604            | SSI-0005014607      |      | 2/8/2001  |
| SSI-0005113332            | SSI-0005113335      |      | 2/12/2001 |
| SSI-0005014679            | SSI-0005014688      |      | 2/12/2001 |
| SSI-0005014672            | SSI-0005014675      |      | 2/15/2001 |
| SSI-0005117557            | SSI-0005117560      |      | 2/20/2001 |
| SSI-0005113385            | SSI-0005113403      |      | 2/20/2001 |
| SSI-0005112639            | SSI-0005112644      |      | 2/26/2001 |
| SSI-0005015279            | SSI-0005015282      |      | 2/26/2001 |
| SSI-0005053678            | SSI-0005053688      |      | 2/26/2001 |
| SSI-0005117323            | SSI-0005117361      |      | 3/12/2001 |
| SSI-0005015957            | SSI-0005015995      |      | 3/12/2001 |
| SSI-0005083959            | SSI-0005083981      |      | 3/20/2001 |
| SSI-0005083982            | SSI-0005084004      |      | 3/20/2001 |
| SSI-0005083872            | SSI-0005083886      |      | 3/21/2001 |
| SSI-0005112747            | SSI-0005112749      |      | 3/22/2001 |
| SSI-0005083769            | SSI-0005083776      |      | 3/22/2001 |
| SSI-0005016392            | SSI-0005016394      |      | 3/27/2001 |
| SSI-0010048708            | SSI-0010048808      |      | 3/27/2001 |
| SSI-0005112750            | SSI-0005112752      |      | 3/30/2001 |
| SSI-0010049149            | SSI-0010049189      |      | 3/30/2001 |
| SSI-0005116691            | SSI-0005116696      |      | 4/4/2001  |
| SSI-0005083689            | SSI-0005083702      |      | 4/4/2001  |
| SSI-0005083643            | SSI-0005083668      |      | 4/5/2001  |
| SSI-0005016634            | SSI-0005016641      |      | 4/6/2001  |
| SSI-0010048570            | SSI-0010048574      |      | 4/6/2001  |
| SSI-0005016725            | SSI-0005016729      |      | 4/9/2001  |
| SSI-0005016805            | SSI-0005016816      |      | 4/11/2001 |
| SSI-0005016847            | SSI-0005016882      |      | 4/12/2001 |
| SSI-0010048699            | SSI-0010048707      |      | 4/16/2001 |
| SSI-0005016934            | SSI-0005016961      |      | 4/16/2001 |
| SSI-0010049098            | SSI-0010049105      |      | 4/16/2001 |
| SSI-0005017254            | SSI-0005017269      |      | 4/23/2001 |
| SSI-0005017344            | SSI-0005017347      |      | 4/24/2001 |
| SSI-0005078024            | SSI-0005078081      |      | 4/25/2001 |
| SSI-0005083461            | SSI-0005083492      |      | 4/25/2001 |
| SSI-0005017511            | SSI-0005017514      |      | 4/26/2001 |
| SSI-0005017588            | SSI-0005017603      |      | 4/30/2001 |
| SSI-0005083446            | SSI-0005083459      |      | 4/30/2001 |
| SSI-0005017718            | SSI-0005017721      |      | 5/1/2001  |
| SSI-0005017792            | SSI-0005017798      |      | 5/2/2001  |
| SSI-0005117200            | SSI-0005117252      |      | 5/4/2001  |
| SSI-0005017960            | SSI-0005018012      |      | 5/4/2001  |
| SSI-0005019091            | SSI-0005019209      |      | 5/8/2001  |
| SSI-0005083366            | SSI-0005083405      |      | 5/10/2001 |
| SSI-0005018594            | SSI-0005018598      |      | 5/14/2001 |
| SSI-0005019054            | SSI-0005019090      |      | 5/16/2001 |
| SSI-0005018977            | SSI-0005018981      |      | 5/21/2001 |

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| SSI-0005019050            | SSI-0005019053      |      | 5/22/2001 |
| SSI-0005019283            | SSI-0005019287      |      | 5/23/2001 |
| SSI-0005113367            | SSI-0005113370      |      | 5/28/2001 |
| SSI-0005019514            | SSI-0005019517      |      | 5/28/2001 |
| SSI-0005019518            | SSI-0005019522      |      | 5/29/2001 |
| SSI-0005019627            | SSI-0005019630      |      | 5/29/2001 |
| SSI-0005113531            | SSI-0005113543      |      | 6/1/2001  |
| SSI-0005020317            | SSI-0005020322      |      | 6/4/2001  |
| SSI-0005020387            | SSI-0005020390      |      | 6/4/2001  |
| SSI-0005020489            | SSI-0005020490      |      | 6/6/2001  |
| SSI-0005020531            | SSI-0005020550      |      | 6/7/2001  |
| SSI-0005116703            | SSI-0005116704      |      | 6/12/2001 |
| SSI-0005052650            | SSI-0005052650      |      | 6/13/2001 |
| SSI-0005112776            | SSI-0005112779      |      | 6/22/2001 |
| SSI-0005117552            | SSI-0005117556      |      | 7/2/2001  |
| SSI-0005116705            | SSI-0005116713      |      | 7/3/2001  |
| SSI-0010048655            | SSI-0010048675      |      | 7/3/2001  |
| SSI-0005116714            | SSI-0005116721      |      | 7/6/2001  |
| SSI-0005022095            | SSI-0005022109      |      | 7/6/2001  |
| SSI-0005022184            | SSI-0005022228      |      | 7/9/2001  |
| SSI-0005022229            | SSI-0005022242      |      | 7/9/2001  |
| SSI-0005086525            | SSI-0005086559      |      | 7/10/2001 |
| SSI-0005022469            | SSI-0005022493      |      | 7/11/2001 |
| SSI-0005116722            | SSI-0005116723      |      | 7/16/2001 |
| SSI-0005022952            | SSI-0005022993      |      | 7/17/2001 |
| SSI-0005077425            | SSI-0005077480      |      | 7/19/2001 |
| SSI-0005116724            | SSI-0005116729      |      | 7/20/2001 |
| SSI-0005116730            | SSI-0005116734      |      | 7/23/2001 |
| SSI-0005117540            | SSI-0005117543      |      | 7/23/2001 |
| SSI-0005023223            | SSI-0005023283      |      | 7/23/2001 |
| SSI-0005116808            | SSI-0005116811      |      | 7/24/2001 |
| SSI-0005117544            | SSI-0005117551      |      | 7/24/2001 |
| SSI-0005023391            | SSI-0005023535      |      | 7/24/2001 |
| SSI-0005024004            | SSI-0005024011      |      | 7/30/2001 |
| SSI-0005116837            | SSI-0005116846      |      | 8/1/2001  |
| SSI-0005117738            | SSI-0005117779      |      | 8/6/2001  |
| SSI-0005024359            | SSI-0005024374      |      | 8/6/2001  |
| SSI-0010049106            | SSI-0010049148      |      | 8/8/2001  |
| SSI-0005024531            | SSI-0005024573      |      | 8/8/2001  |
| SSI-0005024679            | SSI-0005024782      |      | 8/10/2001 |
| SSI-0005025224            | SSI-0005025386      |      | 8/20/2001 |
| SSI-0005025637            | SSI-0005025670      |      | 8/27/2001 |
| SSI-0005025723            | SSI-0005025747      |      | 8/28/2001 |
| SSI-0005025799            | SSI-0005025828      |      | 8/29/2001 |
| SSI-0010048881            | SSI-0010048992      |      | 8/29/2001 |
| SSI-0005026126            | SSI-0005026180      |      | 9/4/2001  |
| SSI-0010048635            | SSI-0010048654      |      | 9/10/2001 |

| Beginning<br>Bates Number | End Bates<br>Number | Type | Date       |
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| SSI-0005116863            | SSI-0005116874      |      | 9/10/2001  |
| SSI-0005026953            | SSI-0005026998      |      | 9/18/2001  |
| SSI-0005027228            | SSI-0005027260      |      | 9/21/2001  |
| SSI-0010102223            | SSI-0010102285      |      | 9/24/2001  |
| SSI-0005027338            | SSI-0005027396      |      | 9/25/2001  |
| SSI-0005112742            | SSI-0005112746      |      | 9/26/2001  |
| SSI-0005116735            | SSI-0005116738      |      | 9/26/2001  |
| SSI-0005117627            | SSI-0005117634      |      | 9/26/2001  |
| SSI-0005027448            | SSI-0005027491      |      | 9/26/2001  |
| SSI-0005117590            | SSI-0005117597      |      | 9/27/2001  |
| SSI-0005027523            | SSI-0005027570      |      | 9/27/2001  |
| SSI-0005207185            | SSI-0005207270      |      | 10/00/2001 |
| SSI-0005064709            | SSI-0005064862      |      | 10/00/2001 |
| SSI-0005027658            | SSI-0005027706      |      | 10/1/2001  |
| SSI-0005113378            | SSI-0005113384      |      | 10/9/2001  |
| SSI-0020023426            | SSI-0020023432      |      | 10/9/2001  |
| SSI-0005111718            | SSI-0005111767      |      | 10/15/2001 |
| SSI-0005029691            | SSI-0005029694      |      | 10/15/2001 |
| SSI-0005029040            | SSI-0005029050      |      | 10/22/2001 |
| SSI-0010048459            | SSI-0010048545      |      | 10/22/2001 |
| SSI-0005117132            | SSI-0005117133      |      | 11/1/2001  |
| SSI-0005030098            | SSI-0005030159      |      | 11/1/2001  |
| SSI-0005113431            | SSI-0005113434      |      | 11/2/2001  |
| SSI-0005030044            | SSI-0005030047      |      | 11/5/2001  |
| SSI-0005030423            | SSI-0005030436      |      | 11/5/2001  |
| SSI-0005030379            | SSI-0005030380      |      | 11/13/2001 |
| SSI-0005030381            | SSI-0005030384      |      | 11/13/2001 |
| SSI-0005117531            | SSI-0005117539      |      | 11/14/2001 |
| SSI-0005030533            | SSI-0005030541      |      | 11/14/2001 |
| SSI-0005030861            | SSI-0005030872      |      | 11/19/2001 |
| SSI-0010120526            | SSI-0010120573      |      | 11/22/2001 |
| SSI-0005117253            | SSI-0005117270      |      | 11/22/2001 |
| SSI-0005031053            | SSI-0005031070      |      | 11/22/2001 |
| SSI-0005117134            | SSI-0005117153      |      | 11/30/2001 |
| SSI-0005031171            | SSI-0005031190      |      | 11/30/2001 |
| SSI-0005112518            | SSI-0005112520      |      | 12/5/2001  |
| SSI-0005031406            | SSI-0005031408      |      | 12/5/2001  |
| SSI-0005031801            | SSI-0005031816      |      | 12/10/2001 |
| SSI-0005031698            | SSI-0005031708      |      | 12/11/2001 |
| SSI-0005117780            | SSI-0005117815      |      | 12/11/2001 |
| SSI-0005112448            | SSI-0005112517      |      | 12/14/2001 |
| SSI-0005112521            | SSI-0005112525      |      | 12/17/2001 |
| SSI-0005112526            | SSI-0005112528      |      | 12/17/2001 |
| SSI-0005032042            | SSI-0005032049      |      | 12/17/2001 |
| SSI-0010120931            | SSI-0010120936      |      | 12/18/2001 |
| SSI-0005032117            | SSI-0005032122      |      | 12/18/2001 |
| SSI-0005113413            | SSI-0005113416      |      | 12/19/2001 |

| Beginning<br>Bates Number | End Bates<br>Number | Type | Date       |
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| SSI-0005032195            | SSI-0005032198      |      | 12/19/2001 |
| SSI-0005032199            | SSI-0005032206      |      | 12/19/2001 |
| SSI-0005116847            | SSI-0005116862      |      | 12/27/2001 |
| SSI-0005032420            | SSI-0005032427      |      | 12/27/2001 |
| SSI-0005032714            | SSI-0005032755      |      | 1/7/2002   |
| SSI-0005033074            | SSI-0005033082      |      | 1/9/2002   |
| SSI-0005033116            | SSI-0005033150      |      | 1/10/2002  |
| SSI-0005033259            | SSI-0005033260      |      | 1/14/2002  |
| SSI-0005033315            | SSI-0005033347      |      | 1/15/2002  |
| SSI-0005033915            | SSI-0005033970      |      | 1/28/2002  |
| SSI-0005117561            | SSI-0005117568      |      | 1/30/2002  |
| SSI-0005034087            | SSI-0005034094      |      | 1/30/2002  |
| SSI-0010127818            | SSI-0010127869      |      | 1/31/2002  |
| SSI-0005117617            | SSI-0005117621      |      | 1/31/2002  |
| SSI-0005034157            | SSI-0005034160      |      | 1/31/2002  |
| SSI-10127818              | SSI-10127869        |      | 1/31/2002  |
| SSI-0005034229            | SSI-0005034280      |      | 2/1/2002   |
| SSI-0005034468            | SSI-0005034496      |      | 2/2/2002   |
| SSI-0005034322            | SSI-0005034368      |      | 2/4/2002   |
| SSI-0005034497            | SSI-0005034508      |      | 2/5/2002   |
| SSI-0010120822            | SSI-0010120841      |      | 2/6/2002   |
| SSI-0005035584            | SSI-0005035591      |      | 2/18/2002  |
| SSI-0005035449            | SSI-0005035466      |      | 2/19/2002  |
| SSI-0005035467            | SSI-0005035468      |      | 2/19/2002  |
| SSI-0005035526            | SSI-0005035529      |      | 2/19/2002  |
| SSI-0000359236            | SSI-0000359253      |      | 2/19/2002  |
| SSI-0005035516            | SSI-0005035519      |      | 2/20/2002  |
| SSI-0000361499            | SSI-0000361507      |      | 2/21/2002  |
| SSI-0005117280            | SSI-0005117282      |      | 2/25/2002  |
| SSI-0005035680            | SSI-0005035681      |      | 2/25/2002  |
| SSI-0005035682            | SSI-0005035684      |      | 2/25/2002  |
| SSI-0005035685            | SSI-0005035688      |      | 2/25/2002  |
| SSI-0005035778            | SSI-0005035794      |      | 2/26/2002  |
| SSI-0005035820            | SSI-0005035837      |      | 2/27/2002  |
| SSI-0005036072            | SSI-0005036075      |      | 03/00/2002 |
| SSI-0005036063            | SSI-0005036065      |      | 3/4/2002   |
| SSI-0005036076            | SSI-0005036079      |      | 3/4/2002   |
| SSI-0005036292            | SSI-0005036299      |      | 3/4/2002   |
| SSI-0005036066            | SSI-0005036071      |      | 3/5/2002   |
| SSI-0005036191            | SSI-0005036198      |      | 3/7/2002   |
| SSI-0005174314            | SSI-0005174320      |      | 3/8/2002   |
| SSI-0005036673            | SSI-0005036676      |      | 3/11/2002  |
| SSI-0005036821            | SSI-0005036832      |      | 3/11/2002  |
| SSI-0005036554            | SSI-0005036563      |      | 3/11/2002  |
| SSI-0005036962            | SSI-0005036967      |      | 3/18/2002  |
| SSI-0005036968            | SSI-0005036973      |      | 3/18/2002  |
| SSI-0005037057            | SSI-0005037066      |      | 3/18/2002  |

| <b>Beginning<br/>Bates Number</b> | <b>End Bates<br/>Number</b> | <b>Type</b> | <b>Date</b> |
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| SSI-0005083232                    | SSI-0005083245              |             | 3/19/2002   |
| SSI-0005037067                    | SSI-0005037100              |             | 3/22/2002   |
| SSI-0010095627                    | SSI-0010095664              |             | 3/24/2002   |
| SSI-0005037146                    | SSI-0005037164              |             | 3/25/2002   |
| SSI-0005037281                    | SSI-0005037283              |             | 3/26/2002   |
| SSI-0005037431                    | SSI-0005037432              |             | 3/28/2002   |
| SSI-0005112068                    | SSI-0005112344              |             | 04/00/2002  |
| SSI-0010037215                    | SSI-0010037311              |             | 4/1/2002    |
| SSI-0005037382                    | SSI-0005037386              |             | 4/1/2002    |
| SSI-0005037389                    | SSI-0005037394              |             | 4/1/2002    |
| SSI-0005037630                    | SSI-0005037639              |             | 4/1/2002    |
| SSI-0005037451                    | SSI-0005037454              |             | 4/2/2002    |
| SSI-0005037455                    | SSI-0005037538              |             | 4/2/2002    |
| SSI-0010100066                    | SSI-0010100073              |             | 4/3/2002    |
| SSI-0005037589                    | SSI-0005037596              |             | 4/3/2002    |
| SSI-0005037617                    | SSI-0005037628              |             | 4/4/2002    |
| SSI-0005037664                    | SSI-0005037682              |             | 4/5/2002    |
| SSI-0005037735                    | SSI-0005037741              |             | 4/8/2002    |
| SSI-0005106820                    | SSI-0005106822              |             | 4/9/2002    |
| SSI-0010100378                    | SSI-0010100393              |             | 4/12/2002   |
| SSI-0010100367                    | SSI-0010100372              |             | 4/15/2002   |
| SSI-0005038318                    | SSI-0005038377              |             | 4/17/2002   |
| SSI-0005058079                    | SSI-0005058106              |             | 4/19/2002   |
| SSI-0010111992                    | SSI-0010111997              |             | 4/22/2002   |
| SSI-0005038091                    | SSI-0005038096              |             | 4/22/2002   |
| SSI-0005038186                    | SSI-0005038197              |             | 4/22/2002   |
| SSI-0010003981                    | SSI-0010004068              |             | 4/22/2002   |
| SSI-0010111971                    | SSI-0010111985              |             | 4/22/2002   |
| SSI-0005038277                    | SSI-0005038280              |             | 4/23/2002   |
| SSI-0010079711                    | SSI-0010079730              |             | 4/24/2002   |
| SSI-0010003921                    | SSI-0010003980              |             | 4/24/2002   |
| SSI-0010079731                    | SSI-0010079758              |             | 4/25/2002   |
| SSI-0010111998                    | SSI-0010112017              |             | 4/25/2002   |
| SSI-0010079806                    | SSI-0010079811              |             | 4/29/2002   |
| SSI-0010112073                    | SSI-0010112078              |             | 4/29/2002   |
| SSI-0005116785                    | SSI-0005116792              |             | 4/29/2002   |
| SSI-0010079768                    | SSI-0010079788              |             | 4/29/2002   |
| SSI-0010110871                    | SSI-0010110884              |             | 4/29/2002   |
| SSI-0010112035                    | SSI-0010112055              |             | 4/29/2002   |
| SSI-0010079855                    | SSI-0010079873              |             | 4/30/2002   |
| SSI-0010112122                    | SSI-0010112140              |             | 4/30/2002   |
| SSI-0010112079                    | SSI-0010112090              |             | 4/30/2002   |
| SSI-0010112091                    | SSI-0010112121              |             | 5/1/2002    |
| SSI-0010037013                    | SSI-0010037060              |             | 5/1/2002    |
| SSI-0005111432                    | SSI-0005111479              |             | 5/1/2002    |
| SSI-0010079824                    | SSI-0010079854              |             | 5/1/2002    |
| SSI-0010112170                    | SSI-0010112174              |             | 5/2/2002    |



| Beginning<br>Bates Number | End Bates<br>Number | Type | Date       |
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| SSI-0010003020            | SSI-0010003068      |      | 5/2/2002   |
| SSI-0010097770            | SSI-0010097818      |      | 5/2/2002   |
| SSI-0010102025            | SSI-0010102073      |      | 5/2/2002   |
| SSI-0010112141            | SSI-0010112162      |      | 5/2/2002   |
| SSI-0010043149            | SSI-0010043246      |      | 5/2/2002   |
| SSI-0005116793            | SSI-0005116797      |      | 5/3/2002   |
| SSI-0010112175            | SSI-0010112189      |      | 5/3/2002   |
| SSI-0010067340            | SSI-0010067368      |      | 5/3/2002   |
| SSI-0010067369            | SSI-0010067383      |      | 5/5/2002   |
| SSI-0010112219            | SSI-0010112223      |      | 5/6/2002   |
| SSI-0000336239            | SSI-0000336243      |      | 5/6/2002   |
| SSI-0010110885            | SSI-0010110901      |      | 5/6/2002   |
| SSI-0020022918            | SSI-0020022918      |      | 5/6/2002   |
| SSI-0010043264            | SSI-0010043280      |      | 5/6/2002   |
| SSI-0010112274            | SSI-0010112277      |      | 5/7/2002   |
| SSI-0005039023            | SSI-0005039026      |      | 5/7/2002   |
| SSI-0000336073            | SSI-0000336116      |      | 5/7/2002   |
| SSI-0010112229            | SSI-0010112242      |      | 5/7/2002   |
| SSI-0000335911            | SSI-0000335920      |      | 5/7/2002   |
| SSI-0010111033            | SSI-0010111037      |      | 5/8/2002   |
| SSI-0000335600            | SSI-0000335610      |      | 5/9/2002   |
| SSI-0000335611            | SSI-0000335616      |      | 5/9/2002   |
| SSI-0010112284            | SSI-0010112294      |      | 5/9/2002   |
| SSI-0010003155            | SSI-0010003165      |      | 5/13/2002  |
| SSI-0010112323            | SSI-0010112329      |      | 5/13/2002  |
| SSI-0010112377            | SSI-0010112380      |      | 5/14/2002  |
| SSI-0010112369            | SSI-0010112369      |      | 5/14/2002  |
| SSI-0010112381            | SSI-0010112389      |      | 5/15/2002  |
| SSI-0005039329            | SSI-0005039358      |      | 5/17/2002  |
| SSI-0005116805            | SSI-0005116807      |      | 5/24/2002  |
| SSI-0005143041            | SSI-0005143046      |      | 5/31/2002  |
| SSI-0005117583            | SSI-0005117589      |      | 6/3/2002   |
| SSI-0005143499            | SSI-0005143505      |      | 6/3/2002   |
| SSI-0005143506            | SSI-0005143511      |      | 6/3/2002   |
| SSI-0005143619            | SSI-0005143628      |      | 6/3/2002   |
| SSI-0005040263            | SSI-0005040310      |      | 6/3/2002   |
| SSI-0005040394            | SSI-0005040409      |      | 6/4/2002   |
| SSI-0005117283            | SSI-0005117291      |      | 6/7/2002   |
| SSI-0005040676            | SSI-0005040712      |      | 6/11/2002  |
| SSI-0005111404            | SSI-0005111431      |      | 6/24/2002  |
| SSI-0005120005            | SSI-0005120088      |      | 7/5/2002   |
| SSI-0005113353            | SSI-0005113356      |      | 7/5/2002   |
| SSI-0005113435            | SSI-0005113530      |      | 10/1/2002  |
| SSI-0005141286            | SSI-0005141309      |      | 10/11/2002 |
| SSI-0005142461            | SSI-0005142470      |      | 1/13/2003  |
| SSI-0005083727            | SSI-0005083741      |      | 4/11/2003  |

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| SSI-0005038199              | SSI-0005038270              |                           | 5/4/2003   |
| SSI-0010075677              | SSI-0010075693              |                           | 5/10/2008  |
| SSI-0005113336              | SSI-0005113339              |                           | 3/22/2201  |
| SSI-0020030270              | SSI-0020030282              | 3RD PARTY ANALYST REPORTS |            |
| SSI-0020030288              | SSI-0020030327              | 3RD PARTY ANALYST REPORTS |            |
| SSI-0005278423              | SSI-0005278426              | 3RD PARTY ANALYST REPORTS |            |
| SSI-0005278430              | SSI-0005278435              | 3RD PARTY ANALYST REPORTS |            |
| SSI-0005278436              | SSI-0005278439              | 3RD PARTY ANALYST REPORTS |            |
| SSI-0005296402              | SSI-0005296403              | 3RD PARTY ANALYST REPORTS |            |
| SSI-0005301070              | SSI-0005301070              | 3RD PARTY ANALYST REPORTS |            |
| SSI-0005301071              | SSI-0005301077              | 3RD PARTY ANALYST REPORTS |            |
| SSI-0005274044              | SSI-0005274048              | 3RD PARTY ANALYST REPORTS | 3/24/2000  |
| SSI-0005240327              | SSI-0005240329              | 3RD PARTY ANALYST REPORTS | 8/9/2000   |
| SSI-0005296389              | SSI-0005296391              | 3RD PARTY ANALYST REPORTS | 8/9/2000   |
| SSI-0005296409              | SSI-0005296413              | 3RD PARTY ANALYST REPORTS | 10/9/2000  |
| SSI-0005296405              | SSI-0005296407              | 3RD PARTY ANALYST REPORTS | 10/16/2000 |
| SSI-0005296400              | SSI-0005296401              | 3RD PARTY ANALYST REPORTS | 11/22/2000 |
| SSI-0005240360              | SSI-0005240362              | 3RD PARTY ANALYST REPORTS | 2/13/2001  |
| SSI-0005301230              | SSI-0005301233              | 3RD PARTY ANALYST REPORTS | 7/20/2001  |
| SSI-0005298349              | SSI-0005298352              | 3RD PARTY ANALYST REPORTS | 7/25/2001  |
| SSI-0005298344              | SSI-0005298348              | 3RD PARTY ANALYST REPORTS | 7/28/2001  |
| SSI-0005279700              | SSI-0005279777              | 3RD PARTY ANALYST REPORTS | 12/17/2001 |
| SSI-0005236529              | SSI-0005236572              | 3RD PARTY ANALYST REPORTS | 1/29/2002  |
| SSI-0005279450              | SSI-0005279478              | 3RD PARTY ANALYST REPORTS | 02/00/2002 |
| SSI-0005279694              | SSI-0005279699              | 3RD PARTY ANALYST REPORTS | 2/20/2002  |
| SSI-0005284717              | SSI-0005284743              | 3RD PARTY ANALYST REPORTS | 2/20/2002  |
| SSI-0005279574              | SSI-0005279579              | 3RD PARTY ANALYST REPORTS | 2/21/2002  |
| SSI-0005278586              | SSI-0005278590              | 3RD PARTY ANALYST REPORTS | 2/28/2002  |
| SSI-0005278488              | SSI-0005278527              | 3RD PARTY ANALYST REPORTS | 3/1/2002   |
| SSI-0005278487              | SSI-0005278551              | 3RD PARTY ANALYST REPORTS | 3/1/2002   |
| SSI-0005278427              | SSI-0005278429              | 3RD PARTY ANALYST REPORTS | 3/4/2002   |
| SSI-0005278529              | SSI-0005278534              | 3RD PARTY ANALYST REPORTS | 3/4/2002   |
| SSI-0005279580              | SSI-0005279693              | 3RD PARTY ANALYST REPORTS | 3/4/2002   |
| SSI-0005278421              | SSI-0005278461              | 3RD PARTY ANALYST REPORTS | 3/4/2002   |
| SSI-0005280808              | SSI-0005280850              | 3RD PARTY ANALYST REPORTS | 3/6/2002   |
| SSI-0005279444              | SSI-0005279449              | 3RD PARTY ANALYST REPORTS | 3/7/2002   |
| SSI-0005278303              | SSI-0005278316              | 3RD PARTY ANALYST REPORTS | 3/7/2002   |
| SSI-0005279480              | SSI-0005279488              | 3RD PARTY ANALYST REPORTS | 3/8/2002   |
| SSI-0005280787              | SSI-0005280790              | 3RD PARTY ANALYST REPORTS | 3/11/2002  |
| SSI-0005280791              | SSI-0005280797              | 3RD PARTY ANALYST REPORTS | 3/11/2002  |
| SSI-0005280798              | SSI-0005280806              | 3RD PARTY ANALYST REPORTS | 3/11/2002  |
| SSI-0020034194              | SSI-0020034315              | 3RD PARTY ANALYST REPORTS | 3/13/2002  |
| SSI-0020031799              | SSI-0020031821              | 3RD PARTY ANALYST REPORTS | 5/8/2003   |
| SSI-0020031802              | SSI-0020031821              | 3RD PARTY ANALYST REPORTS | 5/28/2003  |
| HSA - Tabrizi,<br>F. 304580 | HSA - Tabrizi, F.<br>304626 | 3RD PARTY ANALYST REPORTS | 3/2/1999   |

| Beginning<br>Bates Number         | End Bates<br>Number                     | Type                      | Date       |
|-----------------------------------|---|---------------------------|------------|
| HSA - Tabrizi,<br>F. 304960       | HSA - Tabrizi, F.<br>304967             | 3RD PARTY ANALYST REPORTS | 12/4/1997  |
| HSA - Tabrizi,<br>F. 305027       | HSA - Tabrizi, F.<br>305041             | 3RD PARTY ANALYST REPORTS | 10/28/1997 |
| HSA - Tabrizi,<br>F. 308606       | HSA - Tabrizi, F.<br>308610             | 3RD PARTY ANALYST REPORTS | 3/15/1999  |
| HSA - Tabrizi,<br>F. 308611       | HSA - Tabrizi, F.<br>308640             | 3RD PARTY ANALYST REPORTS | 6/28/1999  |
| HSA3003604                        | HSA3003616                              | 3RD PARTY ANALYST REPORTS | 7/28/1998  |
| HSA3005566                        | HSA3005586                              | 3RD PARTY ANALYST REPORTS | 6/9/1998   |
| HSA3008850                        | HSA3008872                              | 3RD PARTY ANALYST REPORTS | 7/27/1998  |
| HSA3016178                        | HSA3016183                              | 3RD PARTY ANALYST REPORTS | 3/26/1999  |
| HSA3081652                        | HSA3081655                              | 3RD PARTY ANALYST REPORTS | 3/25/1999  |
| HSA3103174                        | HSA3103174                              | 3RD PARTY ANALYST REPORTS | 3/26/1999  |
| HSA2 -<br>Martinez, M.<br>0016806 | HSA2 - Martinez,<br>M. 0016814          | 3RD PARTY ANALYST REPORTS | 12/12/1997 |
| HSA2 -<br>Martinez, M.<br>0019736 | HSA2 - Martinez,<br>M. 0019745          | 3RD PARTY ANALYST REPORTS | 12/12/1997 |
| HSA2 -<br>Martinez, M.<br>0019746 | HSA2 - Martinez,<br>M. 0019754          | 3RD PARTY ANALYST REPORTS | 12/15/1997 |
| HSA2 -<br>Martinez, M.<br>0019755 | HSA2 - Martinez,<br>M. 0019770          | 3RD PARTY ANALYST REPORTS | 12/15/1997 |
|                                   | Exec Summary-DRAMfc-1996.doc            |                           | 6/18/1905  |
|                                   | TOC- DRAM Market 3-30-96.doc            |                           | 3/30/1996  |
|                                   | TOC-DRAM ModuleQ4 1996.doc              |                           | Q4 1996    |
|                                   | TOC VM102-02.pdf                        |                           | 7/2/2006   |
|                                   | VM101-1-03 TOC & Exec<br>Summary.pdf    |                           | Q4 2002    |
|                                   | VM103-03 TOC & Exec Summary.pdf         |                           | 3/3/2006   |
|                                   | VM102-03 TOC & Exec Summary.pdf         |                           | 10/3/2006  |
|                                   | VM113-03 TOC & Executive<br>Summary.pdf |                           | 7/3/2006   |
|                                   | VM103-04 TOC & Exec Summary.pdf         |                           | Q3 2004    |

**DE DIOS & ASSOCIATES: THE DRAM MARKET ADVISOR**

| <b>Date</b> | <b>Bates Number</b>           | <b>Date</b> | <b>Bates Number</b>           |
|-------------|-------------------------------|-------------|-------------------------------|
| 4/1977      | NECELAM 017214-NECLAM 017234  | 11/1998     | MU00674435-                   |
| 5/1997      | NECELAM 017191-NECLAM 017213  |             | MU00674452                    |
| 6/1997      | NECELAM 017140-NECLAM 017158  | 1/1999      | MU00674584-                   |
| 7/1997      | NECELAM 017120-NECLAM 017138  |             | MU00674606                    |
| 8/1997      | NECELAM 017101-NECLAM 017119  | 1/1999      | MU00674453-                   |
| 9/1997      | NECELAM 0171084-NECLAM 017100 |             | MU00674473                    |
| 10/1997     | NECELAM 016844-NECLAM 016861  | 2/1999      | ITNA00013447-ITNA00013467     |
| 11/1997     | NECELAM 017065-NECLAM 017083  | 3/1999      | ITAG-00744258-ITAG-00744378   |
| 1/1998      | NECELAM 016897-NECLAM 016917  | 4/1999      | ITAG-00744379-ITAG-00744400   |
| 2/1998      | MU00674281-                   | 5/1999      | ITAG-00744401 – ITAG-00744426 |
|             | MU00674297                    | 6/1999      | MU00674474-                   |
| 3/1998      | MU00674298-                   |             | MU00674494                    |
|             | MU00674315                    | 7/1999      | MU00674495-                   |
| 4/1998      | MU00674316-                   |             | MU00674509                    |
|             | MU00674335                    | 8/1999      | MU00674510-                   |
| 5/1998      | MU00674336-                   |             | MU00674531                    |
|             | MU00674353                    | 10/1999     | MU00674532-                   |
| 6/1998      | ITNA00000244-ITNA00000264     |             | MU00674550                    |
| 7/1998      | MU00674354-                   | 11/1999     | MU00674551-                   |
|             | MU00674372                    |             | MU00674565                    |
| 8/1998      | MU00674373-                   | 12/1999     | MU00674566-                   |
|             | MU00674391                    |             | MU00674583                    |
| 9/1998      | MU00674392-                   | 2/2000      | MU00674607-                   |
|             | MU00674408                    |             | MU00674628                    |
| 10/1998     | MU00674409-                   | 4/5/2000    | MU00674632-                   |
|             | MU00674434                    |             | MU00674654                    |
|             |                               | 5/8/2000    | MU00674655-                   |
|             |                               |             | MU00674683                    |
|             |                               | 6/19/2000   | MU00674684-                   |

| Date     | Bates Number          | Date    | Bates Number                |
|----------|-----------------------|---------|-----------------------------|
|          | MU006747085           | 10/2001 | MU00675067-                 |
| 8/7/2000 | MU00674709-           |         | MU00675084                  |
|          | MU00674728            |         | MU00653822-MU00653853       |
| 9/2000   | MU00674729-           | 11/2001 | MU00653860-MU00653890       |
|          | MU00674755            | 12/2001 | MU00675099-                 |
| 10/2000  | MU00674756-           |         | MU00675113                  |
|          | MU00674779            | 1/2002  | MU00675130-                 |
| 11/2000  | MU00674780-           |         | MU00675140                  |
|          | MU00674804            |         | ITNA01291666-               |
| 12/2000  | MU00674805-           |         | ITNA01291693                |
|          | MU00674815            | 3/2002  | MU00675153-                 |
| 1/2001   | MU00674816-           |         | MU00675166                  |
|          | MU00674839            | 4/2002  | MU00675179-                 |
| 2/2001   | MU00674840-           |         | MU00675192                  |
|          | MU00674864            | 5/2002  | MU00675193-                 |
| 3/2001   | MU00674865-           |         | MU00675226                  |
|          | MU00674888            | 6/2002  | MU00675227-                 |
| 4/2001   | MU00528001-MU00528010 |         | MU00675253                  |
| 5/2001   | MU00674899-           | 7/2002  | MU00654262-                 |
|          | MU00674923            |         | MU00654291                  |
| 6/2001   | MU00675019-           | 9/2002  | ITAG00744236-ITAG-00744266  |
|          | MU00675023            |         | ITAG-00744267-ITAG-00744299 |
|          | MU00675042-           | 11/2002 | ITAG-00744300 – ITAG-007328 |
|          | MU00675053            | 12/2002 | ITAG-00744329-ITAG-00744357 |
|          | MU00674940-           | 1/2003  | ITAG-00743416-ITAG00743456  |
|          | MU00674955            | 2/2003  | ITAG-00743457-ITAG-00743498 |
| 7/2001   | MU00674970-           | 3/2003  | ITAG-00743499-ITAG00743534  |
|          | MU00674987            | 5/2003  | ITAG-00743535-ITAG-00743571 |
| 8/2001   | MU00653712-MU00653744 | 5/2003  | ITAG-00743572-ITAG00743607  |
| 9/2001   | MU00675010-           | 7/2003  | ITAG-00744446-ITAG00744487  |
|          | MU00675018            | 8/2003  | ITAG-00744155-ITAG-00744187 |
|          | MU00653781-MU00653817 | 9/2003  | ITAG-00743608-ITAG-00743641 |
|          |                       | 10/2003 | ITAG-00743643-ITAG-00743674 |

| <b>Date</b> | <b>Bates Number</b>         | <b>Date</b> | <b>Bates Number</b>         |
|-------------|-----------------------------|-------------|-----------------------------|
| 11/2003     | ITAG-00743675-ITAG-00743706 | 6/2004      | ITAG-00743900-ITAG-00743938 |
| 1/2004      | ITAG-00743707-ITAG-00743740 | 8/2004      | ITAG-00743939-ITAG-00743988 |
| 2/2004      | ITAG-00743741-ITAG-00743779 | 9/2004      | ITAG-00743989-ITAG-00744031 |
| 3/2004      | ITAG-00743780-ITAG-00743817 | 10/2004     | ITAG-00744033-ITAG-00744075 |
| 4/2004      | ITAG-00743818-ITAG-00743857 | 11/2004     | ITAG-00744076-ITAG-00744076 |
| 5/2004      | ITAG-00743859-ITAG-00743899 | 12/2004     | ITAG-00744115-ITAG00744154  |



**DE DIOS MEMORY USAGE TRACKER**

| <b>Dates</b> | <b>Bates Number</b>         |
|--------------|-----------------------------|
| 02/2001      | ITNA 0069999 - ITNA 0070003 |
| 03/2001      | ITNA 0070830 - ITNA 0070831 |
| 06/2001      | MU00653684 - MU00653688     |
| 07/2001      | MU00653707 - MU00653711     |
| 08/2001      | MU00653745 - MU00653749     |
| 11/2001      | MU00653855 - MU00653859     |
| 11/2001      | MU00653892 - MU00653896     |
| 03/2002      | MU00527876 - MU00527879     |
| 08/2002      | MU00654292 - MU00654298     |
| 09/2002      | MU00528228 - MU00528231     |
| 09/2002      | MU00654308 - MU00654312     |

## DATA FROM OUTSIDE SOURCES

- 1) DRAM market data purchased from isuppli (Copy of isuppli data for brattle - completed.xls)
- 2) OECD/IEA electricity price for industrial end users from <http://data.iea.org/ieastore/statslisting.asp?>
- 3) Daily Silicon prices Hong Kong FOB form Metals Bulletin from [www.metalbulletin.com](http://www.metalbulletin.com)
- 4) "Worldwide DRAM Market Overview" by Tang Kai Choon, Senior Director, Memory Products, Infineon Technologies Asia Pacific at [http://www.via.com.tw/en/downloads/presentations/events/vtf2004/keynote\\_infineon.pdf](http://www.via.com.tw/en/downloads/presentations/events/vtf2004/keynote_infineon.pdf)
- 5) [http://www.micron.com/investors/faq\\_market](http://www.micron.com/investors/faq_market)
- 6) [http://mprc.pku.edu.cn/users/chengxu/Org\\_web\\_ext/PDF\\_FILES/1997Roadmap\\_all.pdf](http://mprc.pku.edu.cn/users/chengxu/Org_web_ext/PDF_FILES/1997Roadmap_all.pdf)
- 7) [http://en.wikipedia.org/wiki/Semiconductor\\_fabrication](http://en.wikipedia.org/wiki/Semiconductor_fabrication)
- 8) <http://www.tsia.org.tw/English/Issues/IssuesESH.asp>
- 9) <http://www.websidestory.com/company/news-events/press-releases/view-release.html?id=110>
- 10) <http://www.websidestory.com/company/news-events/press-releases/view-release.html?id=64>
- 11) <http://www.websidestory.com/company/news-events/press-releases/view-release.html?id=67>
- 12) <http://www.websidestory.com/company/news-events/press-releases/view-release.html?id=88>
- 13) <http://www.websidestory.com/news-events/press-releases/view-release.html?id=160>
- 14) <http://www.websidestory.com/news-events/press-releases/view-release.html?id=193>

**MICRON FINANCIAL DOCUMENTS**

| <b>Date</b> | <b>Bates Number</b>       |
|-------------|---------------------------|
| 01/1998     | MU00836737 - MU00836776   |
| 04/1998     | MU00836777 - MU00836807   |
| 07/1998     | MU00836808 - MU00836844   |
| 09/1998     | MU00836845 - MU00836880   |
| 11/1998     | MU00836881 - MU00836929   |
| 01/1999     | MU00836930 - MU00836965   |
| 01/1999     | MU00836966 - MU00837023   |
| 06/1999     | MU00837024 - MU00837074   |
| 08/1999     | MU00837075 - MU00837122   |
| 09/1999     | MU00837123 - MU00837170   |
| 09/1999     | MU00837171 - MU00837235   |
| 01/2000     | MU00837236 - MU00837317   |
| 03/2000     | MU00837318 - MU00837361   |
| 06/2000     | MU00837362 - MU00837404   |
| 08/2000     | MU00837405 - MU00837445   |
| 10/2000     | MU00837484 - MU00837529   |
| 11/2000     | MU00837446 - MU00837483   |
| 04/2001     | MU090837566 - MU090837596 |
| 06/2001     | MU00837531 - MU00837565   |
| 09/2001     | MU00837634 - MU00837699   |
| 11/2001     | MU00837670 - MU00837722   |
| 11/2001     | MU00837723 - MU00837770   |
| Q2 2002     | MU00837771 - MU00837816   |
| 04/2002     | MU00837817 - MU00837864   |
| 06/2002     | MU00837865 - MU00837910   |

**APPENDIX C –DEFENDANTS’ TRANSACTION DATA**

Detailed datasets containing transactions for DRAM products sold to customers in the United States were provided by each of the Defendants. I combined these datasets into a consolidated dataset to perform analysis across manufacturers. Table C-1 below describes the periods of coverage provided by each manufacturer.

**Table C-1**  
**Dates of Coverage for Transactions Data, By Manufacturer**

| <b>Manufacturer</b> | <b>Beginning<br/>of Coverage</b> | <b>End of<br/>Coverage</b> |
|---------------------|----------------------------------|----------------------------|
| ELPIDA              | 2001                             | 2004                       |
| HYNIX               | 1996                             | 2004                       |
| INFINEON            | 1995                             | 2004                       |
| MICRON              | 1996                             | 2004                       |
| MOSEL VITELIC       | 1996                             | 2004                       |
| NANYA               | 1998                             | 2005                       |
| NEC                 | 1996                             | 2001                       |
| SAMSUNG             | 1996                             | 2004                       |
| WINBOND             | 1999                             | 2004                       |

Wherever possible, I removed records that were not relevant to the class in this case. This involved filtering the data to exclude the following transactions:

- sales to customers located outside of the United States
- sales identified as something other than DRAM (such as flash memory)
- transactions between Defendants named in this case
- transactions that were provided free of charge or for which no revenue or units were recorded
- sales that were followed by a subsequent and equivalent return of the same merchandise (voided sales)
- transactions that appeared to be sold to government entities

For comparability across firms, I assigned products to standardized categories consisting of technology (*e.g.*, SDRAM, DDR SDRAM), density (*e.g.*, 128Mbit), clock speed (*e.g.*, 133MHz), and form factor (*e.g.*, SoDIMM).

Some manufacturers provided much of the information necessary for these classifications within the transactions datasets or through supplemental product “decoder” files. These decoder files provided the product attributes (such as density, form factor) for the part numbers appearing in

the data. For other manufacturers, I used paper product catalogues that were provided and/or information found on the manufacturer's website where available.

## **APPENDIX D**



**APPENDIX D: FULL REGRESSION RESULTS****I. BASE DE DIOS REGRESSION RESULTS**

| Source   | SS         | df   | MS         | Number of obs = 3635   |  |  |
|----------|------------|------|------------|------------------------|--|--|
| Model    | 6614.43592 | 210  | 31.4973139 | F(210, 3424) = 518.73  |  |  |
| Residual | 207.90382  | 3424 | .060719574 | Prob > F = 0.0000      |  |  |
|          |            |      |            | R-squared = 0.9695     |  |  |
|          |            |      |            | Adj R-squared = 0.9677 |  |  |
| Total    | 6822.33974 | 3634 | 1.87736371 | Root MSE = .24641      |  |  |

  

| lnp          | Coef.     | Std. Err. | t     | P> t  | [95% Conf. Interval] |           |
|--------------|-----------|-----------|-------|-------|----------------------|-----------|
| _Idtype_2    | (dropped) |           |       |       |                      |           |
| _Idtype_3    | (dropped) |           |       |       |                      |           |
| _Idtype_4    | 87.72185  | 57.94325  | 1.51  | 0.130 | -25.885              | 201.3287  |
| _Idtype_5    | (dropped) |           |       |       |                      |           |
| _Idtype_6    | (dropped) |           |       |       |                      |           |
| _Idtype_7    | (dropped) |           |       |       |                      |           |
| _Idtype_8    | 21.97837  | 5.034678  | 4.37  | 0.000 | 12.1071              | 31.84965  |
| _Idtype_9    | (dropped) |           |       |       |                      |           |
| _Idtype_10   | (dropped) |           |       |       |                      |           |
| _Idtype_11   | (dropped) |           |       |       |                      |           |
| _Idtype_12   | (dropped) |           |       |       |                      |           |
| _Idtype_13   | 1.996765  | 6.553442  | 0.30  | 0.761 | -10.85229            | 14.84582  |
| _Idtype_14   | (dropped) |           |       |       |                      |           |
| _Idtype_15   | (dropped) |           |       |       |                      |           |
| _Idtype_16   | (dropped) |           |       |       |                      |           |
| _Idtype_17   | (dropped) |           |       |       |                      |           |
| _Idtype_18   | -5.577774 | 9.212794  | -0.61 | 0.545 | -23.6409             | 12.48536  |
| _Idtype_19   | (dropped) |           |       |       |                      |           |
| _Idtype_20   | (dropped) |           |       |       |                      |           |
| _Idtype_21   | (dropped) |           |       |       |                      |           |
| _Idtype_22   | 1.152352  | 5.710443  | 0.20  | 0.840 | -10.04387            | 12.34857  |
| _Idtype_23   | (dropped) |           |       |       |                      |           |
| _Idtype_24   | 15.2288   | 4.887943  | 3.12  | 0.002 | 5.64522              | 24.81238  |
| _Idtype_25   | (dropped) |           |       |       |                      |           |
| _Idtype_26   | (dropped) |           |       |       |                      |           |
| _Idtype_27   | (dropped) |           |       |       |                      |           |
| _Idtype_28   | (dropped) |           |       |       |                      |           |
| _Idtype_29   | 24.43011  | 7.039516  | 3.47  | 0.001 | 10.62803             | 38.23218  |
| _Idtype_30   | (dropped) |           |       |       |                      |           |
| _Idtype_31   | (dropped) |           |       |       |                      |           |
| _Idtype_32   | -6.965968 | 20.80802  | -0.33 | 0.738 | -47.76336            | 33.83143  |
| _Idtype_33   | (dropped) |           |       |       |                      |           |
| _Idtype_34   | -11.01509 | 9.371597  | -1.18 | 0.240 | -29.38958            | 7.359395  |
| _Idtype_35   | (dropped) |           |       |       |                      |           |
| _Idtype_36   | (dropped) |           |       |       |                      |           |
| _Idtype_37   | (dropped) |           |       |       |                      |           |
| _Idtype_38   | 1.75613   | 7.180407  | 0.24  | 0.807 | -12.32219            | 15.83445  |
| _Idtype_39   | (dropped) |           |       |       |                      |           |
| _Idtype_40   | (dropped) |           |       |       |                      |           |
| _Idtype_41   | -4.059927 | 9.395655  | -0.43 | 0.666 | -22.48158            | 14.36173  |
| _Idtype_42   | 88.17328  | 57.94325  | 1.52  | 0.128 | -25.43355            | 201.7801  |
| _Idtype_43   | 89.44949  | 57.94325  | 1.54  | 0.123 | -24.15734            | 203.0563  |
| _Idtype_44   | (dropped) |           |       |       |                      |           |
| _Idtype_45   | (dropped) |           |       |       |                      |           |
| _Idtype_46   | (dropped) |           |       |       |                      |           |
| _Idtype_47   | (dropped) |           |       |       |                      |           |
| _Idtype_48   | -13.74238 | 9.564828  | -1.44 | 0.151 | -32.49573            | 5.010963  |
| wt_t0        | .146126   | .1750341  | 0.83  | 0.404 | -.1970559            | .489308   |
| _IdtyXwt_t_2 | -.0519824 | .0118887  | -4.37 | 0.000 | -.0752921            | -.0286726 |
| _IdtyXwt_t_3 | -.031709  | .0106438  | -2.98 | 0.003 | -.0525779            | -.0108401 |

|               |           |          |       |       |           |           |
|---------------|-----------|----------|-------|-------|-----------|-----------|
| _IdtyXwt_t_4  | -.1257312 | .1113286 | -1.13 | 0.259 | -.3440084 | .092546   |
| _IdtyXwt_t_5  | -.0433474 | .0126103 | -3.44 | 0.001 | -.0680718 | -.0186229 |
| _IdtyXwt_t_6  | -.0569428 | .0117475 | -4.85 | 0.000 | -.0799758 | -.0339099 |
| _IdtyXwt_t_7  | -.1945411 | .0591081 | -3.29 | 0.001 | -.3104319 | -.0786503 |
| _IdtyXwt_t_8  | -.0174488 | .0110512 | -1.58 | 0.114 | -.0391165 | .0042189  |
| _IdtyXwt_t_9  | .1403895  | .0955482 | 1.47  | 0.142 | -.0469478 | .3277267  |
| _IdtyXwt_t_10 | -.0708712 | .0146884 | -4.82 | 0.000 | -.09967   | -.0420724 |
| _IdtyXwt_t_11 | -.0128768 | .0254829 | -0.51 | 0.613 | -.06284   | .0370863  |
| _IdtyXwt_t_12 | -.0257258 | .0254829 | -1.01 | 0.313 | -.075689  | .0242373  |
| _IdtyXwt_t_13 | -.0334052 | .0119924 | -2.79 | 0.005 | -.0569181 | -.0098922 |
| _IdtyXwt_t_14 | -.0251632 | .010595  | -2.38 | 0.018 | -.0459363 | -.0043901 |
| _IdtyXwt_t_15 | -.0049561 | .013266  | -0.37 | 0.709 | -.0309662 | .021054   |
| _IdtyXwt_t_16 | -.003079  | .0164907 | -0.19 | 0.852 | -.0354117 | .0292536  |
| _IdtyXwt_t_17 | -.0158036 | .0128797 | -1.23 | 0.220 | -.0410563 | .0094491  |
| _IdtyXwt_t_18 | .0020659  | .014999  | 0.14  | 0.890 | -.027342  | .0314738  |
| _IdtyXwt_t_19 | .0005238  | .0285358 | 0.02  | 0.985 | -.0554252 | .0564728  |
| _IdtyXwt_t_20 | -.2897907 | .3496944 | -0.83 | 0.407 | -.9754214 | .39584    |
| _IdtyXwt_t_21 | -.019329  | .1228298 | -0.16 | 0.875 | -.260156  | .2214981  |
| _IdtyXwt_t_22 | -.0025805 | .0142845 | -0.18 | 0.857 | -.0305876 | .0254265  |
| _IdtyXwt_t_23 | -.0526566 | .0118887 | -4.43 | 0.000 | -.0759664 | -.0293469 |
| _IdtyXwt_t_24 | -.0391433 | .0106438 | -3.68 | 0.000 | -.0600122 | -.0182744 |
| _IdtyXwt_t_25 | -.2038227 | .0955482 | -2.13 | 0.033 | -.3911599 | -.0164854 |
| _IdtyXwt_t_26 | -.0555837 | .0169548 | -3.28 | 0.001 | -.0888263 | -.0223412 |
| _IdtyXwt_t_27 | .0705076  | .0955482 | 0.74  | 0.461 | -.1168297 | .2578448  |
| _IdtyXwt_t_28 | -.0442147 | .0118801 | -3.72 | 0.000 | -.0675076 | -.0209219 |
| _IdtyXwt_t_29 | -.0703532 | .0149171 | -4.72 | 0.000 | -.0996005 | -.041106  |
| _IdtyXwt_t_30 | -.023406  | .0105696 | -2.21 | 0.027 | -.0441293 | -.0026826 |
| _IdtyXwt_t_31 | -.1350248 | .0786993 | -1.72 | 0.086 | -.2893272 | .0192775  |
| _IdtyXwt_t_32 | -.1787851 | .0591081 | -3.02 | 0.003 | -.2946759 | -.0628944 |
| _IdtyXwt_t_33 | .0204754  | .0184555 | 1.11  | 0.267 | -.0157095 | .0566602  |
| _IdtyXwt_t_34 | -.0074702 | .0146119 | -0.51 | 0.609 | -.036119  | .0211787  |
| _IdtyXwt_t_35 | -.0226742 | .0208518 | -1.09 | 0.277 | -.0635574 | .018209   |
| _IdtyXwt_t_36 | -.0477916 | .017148  | -2.79 | 0.005 | -.081413  | -.0141703 |
| _IdtyXwt_t_37 | -.0399164 | .0318639 | -1.25 | 0.210 | -.1023905 | .0225577  |
| _IdtyXwt_t_38 | -.0308266 | .0111961 | -2.75 | 0.006 | -.0527784 | -.0088748 |
| _IdtyXwt_t_39 | -.0229032 | .0119103 | -1.92 | 0.055 | -.0462552 | .0004488  |
| _IdtyXwt_t_40 | -.0273828 | .0166062 | -1.65 | 0.099 | -.0599419 | .0051763  |
| _IdtyXwt_t_41 | -.0264463 | .0146978 | -1.80 | 0.072 | -.0552636 | .002371   |
| _IdtyXwt_t_42 | -.1217417 | .1113286 | -1.09 | 0.274 | -.3400189 | .0965355  |
| _IdtyXwt_t_43 | -.111813  | .1113286 | -1.00 | 0.315 | -.3300902 | .1064642  |
| _IdtyXwt_t_44 | -.2436965 | .0618552 | -3.94 | 0.000 | -.3649733 | -.1224198 |
| _IdtyXwt_t_45 | .0094733  | .0112998 | 0.84  | 0.402 | -.0126818 | .0316284  |
| _IdtyXwt_t_46 | -.0204008 | .011461  | -1.78 | 0.075 | -.0428719 | .0020702  |
| _IdtyXwt_t_47 | -.0241476 | .0109884 | -2.20 | 0.028 | -.0456921 | -.002603  |
| _IdtyXwt_t_48 | -.0428522 | .0165129 | -2.60 | 0.009 | -.0752283 | -.010476  |
| _Idtype_2     | (dropped) |          |       |       |           |           |
| _Idtype_3     | (dropped) |          |       |       |           |           |
| _Idtype_4     | (dropped) |          |       |       |           |           |
| _Idtype_5     | (dropped) |          |       |       |           |           |
| _Idtype_6     | (dropped) |          |       |       |           |           |
| _Idtype_7     | (dropped) |          |       |       |           |           |
| _Idtype_8     | (dropped) |          |       |       |           |           |
| _Idtype_9     | (dropped) |          |       |       |           |           |
| _Idtype_10    | -8.194814 | 7.104031 | -1.15 | 0.249 | -22.12338 | 5.733755  |
| _Idtype_11    | (dropped) |          |       |       |           |           |
| _Idtype_12    | (dropped) |          |       |       |           |           |
| _Idtype_13    | (dropped) |          |       |       |           |           |
| _Idtype_14    | (dropped) |          |       |       |           |           |
| _Idtype_15    | (dropped) |          |       |       |           |           |
| _Idtype_16    | (dropped) |          |       |       |           |           |
| _Idtype_17    | -18.4015  | 9.759    | -1.89 | 0.059 | -37.53555 | .7325542  |
| _Idtype_18    | (dropped) |          |       |       |           |           |
| _Idtype_19    | -1.44407  | 14.73904 | -0.10 | 0.922 | -30.34227 | 27.45413  |
| _Idtype_20    | (dropped) |          |       |       |           |           |
| _Idtype_21    | 101.3589  | 69.91751 | 1.45  | 0.147 | -35.72541 | 238.4431  |
| _Idtype_22    | (dropped) |          |       |       |           |           |
| _Idtype_23    | 20.13161  | 6.124434 | 3.29  | 0.001 | 8.123692  | 32.13952  |
| _Idtype_24    | (dropped) |          |       |       |           |           |
| _Idtype_25    | (dropped) |          |       |       |           |           |
| _Idtype_26    | 5.002283  | 8.323062 | 0.60  | 0.548 | -11.31639 | 21.32095  |
| _Idtype_27    | (dropped) |          |       |       |           |           |

|               |           |          |       |       |           |           |
|---------------|-----------|----------|-------|-------|-----------|-----------|
| _Idtype_28    | (dropped) |          |       |       |           |           |
| _Idtype_29    | (dropped) |          |       |       |           |           |
| _Idtype_30    | 8.969959  | 4.232283 | 2.12  | 0.034 | .6719043  | 17.26801  |
| _Idtype_31    | -30.82681 | 24.65129 | -1.25 | 0.211 | -79.15955 | 17.50592  |
| _Idtype_32    | (dropped) |          |       |       |           |           |
| _Idtype_33    | 8.029999  | 10.84236 | 0.74  | 0.459 | -13.22816 | 29.28815  |
| _Idtype_34    | (dropped) |          |       |       |           |           |
| _Idtype_35    | (dropped) |          |       |       |           |           |
| _Idtype_36    | 9.675742  | 8.859328 | 1.09  | 0.275 | -7.694363 | 27.04585  |
| _Idtype_37    | 14.79973  | 14.49116 | 1.02  | 0.307 | -13.61246 | 43.21192  |
| _Idtype_38    | (dropped) |          |       |       |           |           |
| _Idtype_39    | (dropped) |          |       |       |           |           |
| _Idtype_40    | -9.525637 | 9.575994 | -0.99 | 0.320 | -28.30088 | 9.249604  |
| _Idtype_41    | (dropped) |          |       |       |           |           |
| _Idtype_42    | (dropped) |          |       |       |           |           |
| _Idtype_43    | (dropped) |          |       |       |           |           |
| _Idtype_44    | (dropped) |          |       |       |           |           |
| _Idtype_45    | (dropped) |          |       |       |           |           |
| _Idtype_46    | (dropped) |          |       |       |           |           |
| _Idtype_47    | (dropped) |          |       |       |           |           |
| _Idtype_48    | (dropped) |          |       |       |           |           |
| lnpcstarts    | 2.00095   | .4087013 | 4.90  | 0.000 | 1.199627  | 2.802273  |
| _IdtyXlnpc_2  | -2.085084 | .5903363 | -3.53 | 0.000 | -3.242531 | -.9276372 |
| _IdtyXlnpc_3  | -1.586362 | .4569617 | -3.47 | 0.001 | -2.482307 | -.6904166 |
| _IdtyXlnpc_4  | -8.392734 | 5.584483 | -1.50 | 0.133 | -19.34199 | 2.556523  |
| _IdtyXlnpc_5  | -3.668931 | .7113415 | -5.16 | 0.000 | -5.063628 | -2.274235 |
| _IdtyXlnpc_6  | -3.417851 | .6125438 | -5.58 | 0.000 | -4.61884  | -2.216863 |
| _IdtyXlnpc_7  | 1.055143  | 2.022701 | 0.52  | 0.602 | -2.91068  | 5.020967  |
| _IdtyXlnpc_8  | -2.20219  | .5067807 | -4.35 | 0.000 | -3.195813 | -1.208566 |
| _IdtyXlnpc_9  | -.5144832 | .1511058 | -3.40 | 0.001 | -.81075   | -.2182165 |
| _IdtyXlnpc-10 | .6859858  | .6745486 | 1.02  | 0.309 | -.6365727 | 2.008544  |
| _IdtyXlnpc-11 | -3.670326 | 1.365321 | -2.69 | 0.007 | -6.347252 | -.9933998 |
| _IdtyXlnpc-12 | -3.83718  | 1.365321 | -2.81 | 0.005 | -6.514106 | -1.160254 |
| _IdtyXlnpc-13 | -.6902425 | .5933861 | -1.16 | 0.245 | -1.853669 | .4731842  |
| _IdtyXlnpc-14 | .3358533  | .4270052 | 0.79  | 0.432 | -.5013574 | 1.173064  |
| _IdtyXlnpc-15 | -2.231697 | .6559613 | -3.40 | 0.001 | -3.517812 | -.9455816 |
| _IdtyXlnpc-16 | -.8930492 | .9780447 | -0.91 | 0.361 | -2.810659 | 1.024561  |
| _IdtyXlnpc-17 | .7595945  | .559488  | 1.36  | 0.175 | -.3373696 | 1.856559  |
| _IdtyXlnpc-18 | -.1579888 | .6112653 | -0.26 | 0.796 | -1.35647  | 1.040493  |
| _IdtyXlnpc-19 | -.8875601 | 1.356557 | -0.65 | 0.513 | -3.547302 | 1.772182  |
| _IdtyXlnpc-20 | (dropped) |          |       |       |           |           |
| _IdtyXlnpc-21 | -9.599246 | 6.533212 | -1.47 | 0.142 | -22.40863 | 3.210143  |
| _IdtyXlnpc-22 | -.0428597 | .5470304 | -0.08 | 0.938 | -1.115399 | 1.029679  |
| _IdtyXlnpc-23 | -2.154646 | .5903363 | -3.65 | 0.000 | -3.312093 | -.9971987 |
| _IdtyXlnpc-24 | -1.610343 | .4569617 | -3.52 | 0.000 | -2.506288 | -.714398  |
| _IdtyXlnpc-25 | -.1848999 | .1511058 | -1.22 | 0.221 | -.4811666 | .1113668  |
| _IdtyXlnpc-26 | -.3521707 | .7966188 | -0.44 | 0.658 | -1.914067 | 1.209726  |
| _IdtyXlnpc-27 | -.5123687 | .1511058 | -3.39 | 0.001 | -.8086354 | -.216102  |
| _IdtyXlnpc-28 | -.2724803 | .5260624 | -0.52 | 0.605 | -1.303908 | .7589477  |
| _IdtyXlnpc-29 | -2.655766 | .7140862 | -3.72 | 0.000 | -4.055844 | -1.255687 |
| _IdtyXlnpc-30 | -1.084698 | .432971  | -2.51 | 0.012 | -1.933605 | -.2357901 |
| _IdtyXlnpc-31 | 2.526604  | 2.528249 | 1.00  | 0.318 | -2.430426 | 7.483634  |
| _IdtyXlnpc-32 | .6317462  | 2.022701 | 0.31  | 0.755 | -3.334077 | 4.59757   |
| _IdtyXlnpc-33 | -1.011835 | .7662518 | -1.32 | 0.187 | -2.514191 | .4905224  |
| _IdtyXlnpc-34 | .5976743  | .5884295 | 1.02  | 0.310 | -.556034  | 1.751383  |
| _IdtyXlnpc-35 | 1.0546    | 1.001616 | 1.05  | 0.292 | -.9092258 | 3.018426  |
| _IdtyXlnpc-36 | -.7440799 | .849367  | -0.88 | 0.381 | -2.409397 | .9212375  |
| _IdtyXlnpc-37 | -1.134602 | 1.3731   | -0.83 | 0.409 | -3.82678  | 1.557576  |
| _IdtyXlnpc-38 | -.7170388 | .4791094 | -1.50 | 0.135 | -1.656408 | .2223305  |
| _IdtyXlnpc-39 | -.737559  | .587868  | -1.25 | 0.210 | -1.890167 | .4150486  |
| _IdtyXlnpc-40 | .2900634  | .6684236 | 0.43  | 0.664 | -1.020486 | 1.600613  |
| _IdtyXlnpc-41 | -.216054  | .5909987 | -0.37 | 0.715 | -1.3748   | .9426918  |
| _IdtyXlnpc-42 | -8.505359 | 5.584483 | -1.52 | 0.128 | -19.45461 | 2.443898  |
| _IdtyXlnpc-43 | -8.623258 | 5.584483 | -1.54 | 0.123 | -19.57251 | 2.325999  |
| _IdtyXlnpc-44 | 2.067048  | 2.028428 | 1.02  | 0.308 | -1.910003 | 6.044099  |
| _IdtyXlnpc-45 | -2.182063 | .4653058 | -4.69 | 0.000 | -3.094368 | -1.269758 |
| _IdtyXlnpc-46 | -.3017567 | .4837612 | -0.62 | 0.533 | -1.250246 | .6467331  |
| _IdtyXlnpc-47 | -.940108  | .6050074 | -1.55 | 0.120 | -2.12632  | .2461039  |
| _IdtyXlnpc-48 | .5276895  | .6679317 | 0.79  | 0.430 | -.7818955 | 1.837274  |
| _Idtype_2     | 18.69645  | 6.124434 | 3.05  | 0.002 | 6.688534  | 30.70436  |
| _Idtype_3     | 14.0896   | 4.887943 | 2.88  | 0.004 | 4.50602   | 23.67318  |

|              |           |          |       |       |           |           |
|--------------|-----------|----------|-------|-------|-----------|-----------|
| _Idtype_4    | (dropped) |          |       |       |           |           |
| _Idtype_5    | 35.05635  | 7.443886 | 4.71  | 0.000 | 20.46144  | 49.65126  |
| _Idtype_6    | 32.69158  | 6.484835 | 5.04  | 0.000 | 19.97704  | 45.40612  |
| _Idtype_7    | -12.38646 | 20.80802 | -0.60 | 0.552 | -53.18385 | 28.41094  |
| _Idtype_8    | (dropped) |          |       |       |           |           |
| _Idtype_9    | (dropped) |          |       |       |           |           |
| _Idtype_10   | (dropped) |          |       |       |           |           |
| _Idtype_11   | 33.9083   | 15.28776 | 2.22  | 0.027 | 3.934244  | 63.88236  |
| _Idtype_12   | 35.63303  | 15.28776 | 2.33  | 0.020 | 5.658972  | 65.60709  |
| _Idtype_13   | (dropped) |          |       |       |           |           |
| _Idtype_14   | -8.201677 | 4.57466  | -1.79 | 0.073 | -17.17102 | .7676617  |
| _Idtype_15   | 11.83748  | 10.30755 | 1.15  | 0.251 | -8.372092 | 32.04705  |
| _Idtype_16   | (dropped) |          |       |       |           |           |
| _Idtype_17   | (dropped) |          |       |       |           |           |
| _Idtype_18   | (dropped) |          |       |       |           |           |
| _Idtype_19   | (dropped) |          |       |       |           |           |
| _Idtype_20   | (dropped) |          |       |       |           |           |
| _Idtype_21   | (dropped) |          |       |       |           |           |
| _Idtype_22   | (dropped) |          |       |       |           |           |
| _Idtype_23   | (dropped) |          |       |       |           |           |
| _Idtype_24   | (dropped) |          |       |       |           |           |
| _Idtype_25   | (dropped) |          |       |       |           |           |
| _Idtype_26   | (dropped) |          |       |       |           |           |
| _Idtype_27   | (dropped) |          |       |       |           |           |
| _Idtype_28   | 2.243297  | 5.637598 | 0.40  | 0.691 | -8.810101 | 13.29669  |
| _Idtype_29   | (dropped) |          |       |       |           |           |
| _Idtype_30   | (dropped) |          |       |       |           |           |
| _Idtype_31   | (dropped) |          |       |       |           |           |
| _Idtype_32   | (dropped) |          |       |       |           |           |
| _Idtype_33   | (dropped) |          |       |       |           |           |
| _Idtype_34   | (dropped) |          |       |       |           |           |
| _Idtype_35   | -8.984908 | 10.42076 | -0.86 | 0.389 | -29.41644 | 11.44662  |
| _Idtype_36   | (dropped) |          |       |       |           |           |
| _Idtype_37   | (dropped) |          |       |       |           |           |
| _Idtype_38   | (dropped) |          |       |       |           |           |
| _Idtype_39   | 1.754811  | 6.388734 | 0.27  | 0.784 | -10.77131 | 14.28093  |
| _Idtype_40   | (dropped) |          |       |       |           |           |
| _Idtype_41   | (dropped) |          |       |       |           |           |
| _Idtype_42   | (dropped) |          |       |       |           |           |
| _Idtype_43   | (dropped) |          |       |       |           |           |
| _Idtype_44   | -22.53702 | 20.86862 | -1.08 | 0.280 | -63.45323 | 18.37919  |
| _Idtype_45   | 12.52958  | 9.267796 | 1.35  | 0.176 | -5.641386 | 30.70055  |
| _Idtype_46   | -2.778429 | 7.215615 | -0.39 | 0.700 | -16.92578 | 11.36892  |
| _Idtype_47   | 2.682543  | 6.44246  | 0.42  | 0.677 | -9.948912 | 15.314    |
| _Idtype_48   | (dropped) |          |       |       |           |           |
| lnwebstarts  | .0101785  | .0076545 | 1.33  | 0.184 | -.0048294 | .0251864  |
| _IdtyXlnwe_2 | .069767   | .0425546 | 1.64  | 0.101 | -.0136681 | .153202   |
| _IdtyXlnwe_3 | .0066212  | .010188  | 0.65  | 0.516 | -.013354  | .0265964  |
| _IdtyXlnwe_4 | .0525502  | .0867756 | 0.61  | 0.545 | -.117587  | .2226873  |
| _IdtyXlnwe_5 | .1438209  | .0633711 | 2.27  | 0.023 | .0195719  | .26807    |
| _IdtyXlnwe_6 | .1414272  | .042477  | 3.33  | 0.001 | .0581443  | .2247101  |
| _IdtyXlnwe_7 | .0811867  | .0639319 | 1.27  | 0.204 | -.0441618 | .2065351  |
| _IdtyXlnwe_8 | .0114329  | .0120558 | 0.95  | 0.343 | -.0122044 | .0350703  |
| _IdtyXlnwe_9 | .1976227  | .1052602 | 1.88  | 0.061 | -.0087564 | .4040018  |
| _IdtyXlnw-10 | -.019446  | .0096908 | -2.01 | 0.045 | -.0384464 | -.0004456 |
| _IdtyXlnw-11 | .0606216  | .1714723 | 0.35  | 0.724 | -.2755767 | .39682    |
| _IdtyXlnw-12 | .0857538  | .1714723 | 0.50  | 0.617 | -.2504445 | .4219522  |
| _IdtyXlnw-13 | -.0169865 | .0844407 | -0.20 | 0.841 | -.1825459 | .1485728  |
| _IdtyXlnw-14 | .0023166  | .0094025 | 0.25  | 0.805 | -.0161185 | .0207517  |
| _IdtyXlnw-15 | -.0285641 | .0916654 | -0.31 | 0.755 | -.2082886 | .1511604  |
| _IdtyXlnw-16 | -.1720444 | .1569271 | -1.10 | 0.273 | -.4797245 | .1356358  |
| _IdtyXlnw-17 | -.025989  | .0673656 | -0.39 | 0.700 | -.1580698 | .1060919  |
| _IdtyXlnw-18 | -.2567654 | .1175597 | -2.18 | 0.029 | -.4872596 | -.0262711 |
| _IdtyXlnw-19 | .1724865  | .1537968 | 1.12  | 0.262 | -.1290564 | .4740294  |
| _IdtyXlnw-20 | .0692665  | .3072238 | 0.23  | 0.822 | -.5330941 | .6716271  |
| _IdtyXlnw-21 | -.3115833 | .4091613 | -0.76 | 0.446 | -1.113808 | .4906417  |
| _IdtyXlnw-22 | .0002066  | .0105386 | 0.02  | 0.984 | -.020456  | .0208692  |
| _IdtyXlnw-23 | .0702776  | .0425546 | 1.65  | 0.099 | -.0131574 | .1537127  |
| _IdtyXlnw-24 | .0059634  | .010188  | 0.59  | 0.558 | -.0140118 | .0259386  |
| _IdtyXlnw-25 | .2471577  | .1052602 | 2.35  | 0.019 | .0407786  | .4535368  |
| _IdtyXlnw-26 | -.0036453 | .0105799 | -0.34 | 0.730 | -.0243888 | .0170982  |

|              |           |          |       |       |           |           |
|--------------|-----------|----------|-------|-------|-----------|-----------|
| _IdtyXlnw~27 | .2407576  | .1052602 | 2.29  | 0.022 | .0343785  | .4471367  |
| _IdtyXlnw~28 | -.0171146 | .0094646 | -1.81 | 0.071 | -.0356715 | .0014423  |
| _IdtyXlnw~29 | .0392528  | .1266928 | 0.31  | 0.757 | -.2091484 | .2876539  |
| _IdtyXlnw~30 | .0075535  | .0093781 | 0.81  | 0.421 | -.0108337 | .0259407  |
| _IdtyXlnw~31 | .1870746  | .2904727 | 0.64  | 0.520 | -.3824428 | .756592   |
| _IdtyXlnw~32 | .0698428  | .0639319 | 1.09  | 0.275 | -.0555057 | .1951913  |
| _IdtyXlnw~33 | -.4368757 | .1500133 | -2.91 | 0.004 | -.7310004 | -.1427511 |
| _IdtyXlnw~34 | -.2396191 | .107023  | -2.24 | 0.025 | -.4494545 | -.0297837 |
| _IdtyXlnw~35 | .0029302  | .0112063 | 0.26  | 0.794 | -.0190415 | .0249019  |
| _IdtyXlnw~36 | -.0049643 | .011226  | -0.44 | 0.658 | -.0269746 | .017046   |
| _IdtyXlnw~37 | -.0113111 | .0171248 | -0.66 | 0.509 | -.044887  | .0222648  |
| _IdtyXlnw~38 | .0172559  | .0362718 | 0.48  | 0.634 | -.0538607 | .0883724  |
| _IdtyXlnw~39 | .1443571  | .0566335 | 2.55  | 0.011 | .0333181  | .255396   |
| _IdtyXlnw~40 | .0108282  | .1238394 | 0.09  | 0.930 | -.2319784 | .2536349  |
| _IdtyXlnw~41 | -.0357333 | .1088941 | -0.33 | 0.743 | -.2492373 | .1777707  |
| _IdtyXlnw~42 | .0540558  | .0867756 | 0.62  | 0.533 | -.1160813 | .224193   |
| _IdtyXlnw~43 | .0511026  | .0867756 | 0.59  | 0.556 | -.1190345 | .2212397  |
| _IdtyXlnw~44 | .0902587  | .0691535 | 1.31  | 0.192 | -.0453277 | .2258451  |
| _IdtyXlnw~45 | -.0006082 | .0408385 | -0.01 | 0.988 | -.0806785 | .0794621  |
| _IdtyXlnw~46 | -.1447438 | .0466473 | -3.10 | 0.002 | -.2362032 | -.0532844 |
| _IdtyXlnw~47 | .0835051  | .0800185 | 1.04  | 0.297 | -.0733837 | .240394   |
| _IdtyXlnw~48 | .0005896  | .1198438 | 0.00  | 0.996 | -.234383  | .2355622  |
| moyr         | -.1785404 | .173576  | -1.03 | 0.304 | -.5188633 | .1617825  |
| _Imonth_2    | .0611225  | .0219303 | 2.79  | 0.005 | .0181248  | .1041203  |
| _Imonth_3    | .0382409  | .0213798 | 1.79  | 0.074 | -.0036776 | .0801593  |
| _Imonth_4    | .1996213  | .0244316 | 8.17  | 0.000 | .1517192  | .2475234  |
| _Imonth_5    | .1669041  | .0261557 | 6.38  | 0.000 | .1156217  | .2181864  |
| _Imonth_6    | .1108291  | .0277271 | 4.00  | 0.000 | .0564658  | .1651924  |
| _Imonth_7    | .2510909  | .0253298 | 9.91  | 0.000 | .2014279  | .3007538  |
| _Imonth_8    | .3289394  | .025812  | 12.74 | 0.000 | .2783308  | .3795479  |
| _Imonth_9    | .1956378  | .0261493 | 7.48  | 0.000 | .144368   | .2469076  |
| _Imonth_10   | -.0384891 | .0236508 | -1.63 | 0.104 | -.0848602 | .007882   |
| _Imonth_11   | .0317055  | .023879  | 1.33  | 0.184 | -.015113  | .078524   |
| _Imonth_12   | -.0713058 | .0236546 | -3.01 | 0.003 | -.1176843 | -.0249272 |
| _Ictype_2    | -.0242825 | .0123856 | -1.96 | 0.050 | -.0485664 | 1.38e-06  |
| _Ictype_3    | -.0995498 | .0101459 | -9.81 | 0.000 | -.1194425 | -.0796571 |
| lnpsilicon   | 2.18432   | .1433974 | 15.23 | 0.000 | 1.903167  | 2.465473  |
| lnwage       | 3.542871  | .3393187 | 10.44 | 0.000 | 2.877583  | 4.208158  |
| lnelec       | .8921118  | .087404  | 10.21 | 0.000 | .7207425  | 1.063481  |
| lnint        | .1354938  | .056422  | 2.40  | 0.016 | .0248695  | .246118   |
| tran0        | -.1580775 | .0335211 | -4.72 | 0.000 | -.2238008 | -.0923541 |
| preclass     | .1779283  | .0398632 | 4.46  | 0.000 | .0997703  | .2560863  |
| pricifix1    | .2710919  | .0531698 | 5.10  | 0.000 | .1668442  | .3753396  |
| tran1        | .1092821  | .0475856 | 2.30  | 0.022 | .0159831  | .202581   |
| predatory    | -.2361301 | .0437956 | -5.39 | 0.000 | -.3219982 | -.150262  |
| tran2        | -.3759823 | .059442  | -6.33 | 0.000 | -.4925277 | -.259437  |
| pricifix2    | .4648286  | .031911  | 14.57 | 0.000 | .402262   | .5273951  |
| _cons        | -34.2602  | 11.21202 | -3.06 | 0.002 | -56.24313 | -12.27728 |

## II. BASE TRANSACTION DATA REGRESSION RESULTS

| Source   | SS         | df   | MS         | Number of obs = 4742 |        |  |
|----------|------------|------|------------|----------------------|--------|--|
| Model    | 4745.01591 | 818  | 5.80075295 | F(818, 3923) =       | 64.24  |  |
| Residual | 354.239977 | 3923 | .090298235 | Prob > F =           | 0.0000 |  |
|          |            |      |            | R-squared =          | 0.9305 |  |
|          |            |      |            | Adj R-squared =      | 0.9160 |  |
| Total    | 5099.25589 | 4741 | 1.07556547 | Root MSE =           | .3005  |  |

  

| lnp       | Coef.     | Std. Err. | t    | P> t  | [95% Conf. Interval] |          |
|-----------|-----------|-----------|------|-------|----------------------|----------|
| _Idtype_2 | 9.633211  | 2810.297  | 0.00 | 0.997 | -5500.148            | 5519.415 |
| _Idtype_3 | (dropped) |           |      |       |                      |          |
| _Idtype_4 | (dropped) |           |      |       |                      |          |
| _Idtype_5 | (dropped) |           |      |       |                      |          |
| _Idtype_6 | (dropped) |           |      |       |                      |          |
| _Idtype_7 | (dropped) |           |      |       |                      |          |
| _Idtype_8 | (dropped) |           |      |       |                      |          |
| _Idtype_9 | (dropped) |           |      |       |                      |          |

|            |           |          |       |       |           |          |
|------------|-----------|----------|-------|-------|-----------|----------|
| _Idtype_10 | (dropped) |          |       |       |           |          |
| _Idtype_11 | (dropped) |          |       |       |           |          |
| _Idtype_12 | (dropped) |          |       |       |           |          |
| _Idtype_13 | (dropped) |          |       |       |           |          |
| _Idtype_14 | (dropped) |          |       |       |           |          |
| _Idtype_15 | (dropped) |          |       |       |           |          |
| _Idtype_16 | -7.084276 | 105.7296 | -0.07 | 0.947 | -214.3743 | 200.2058 |
| _Idtype_17 | -30.69058 | 96.18595 | -0.32 | 0.750 | -219.2698 | 157.8886 |
| _Idtype_18 | -24.63512 | 89.55386 | -0.28 | 0.783 | -200.2116 | 150.9414 |
| _Idtype_19 | (dropped) |          |       |       |           |          |
| _Idtype_20 | (dropped) |          |       |       |           |          |
| _Idtype_21 | (dropped) |          |       |       |           |          |
| _Idtype_22 | (dropped) |          |       |       |           |          |
| _Idtype_23 | (dropped) |          |       |       |           |          |
| _Idtype_24 | (dropped) |          |       |       |           |          |
| _Idtype_25 | -29.85763 | 670.3171 | -0.04 | 0.964 | -1344.06  | 1284.345 |
| _Idtype_26 | (dropped) |          |       |       |           |          |
| _Idtype_27 | -31.33159 | 1536.121 | -0.02 | 0.984 | -3043.004 | 2980.34  |
| _Idtype_28 | -26.0176  | 108.3347 | -0.24 | 0.810 | -238.4153 | 186.3801 |
| _Idtype_29 | (dropped) |          |       |       |           |          |
| _Idtype_30 | (dropped) |          |       |       |           |          |
| _Idtype_31 | (dropped) |          |       |       |           |          |
| _Idtype_32 | (dropped) |          |       |       |           |          |
| _Idtype_33 | (dropped) |          |       |       |           |          |
| _Idtype_34 | (dropped) |          |       |       |           |          |
| _Idtype_35 | -20.52014 | 108.8081 | -0.19 | 0.850 | -233.8459 | 192.8057 |
| _Idtype_36 | (dropped) |          |       |       |           |          |
| _Idtype_37 | (dropped) |          |       |       |           |          |
| _Idtype_38 | (dropped) |          |       |       |           |          |
| _Idtype_39 | (dropped) |          |       |       |           |          |
| _Idtype_40 | (dropped) |          |       |       |           |          |
| _Idtype_41 | (dropped) |          |       |       |           |          |
| _Idtype_42 | -27.31597 | 89.52431 | -0.31 | 0.760 | -202.8345 | 148.2026 |
| _Idtype_43 | -10.52209 | 90.10749 | -0.12 | 0.907 | -187.184  | 166.1399 |
| _Idtype_44 | -59.08104 | 3438.127 | -0.02 | 0.986 | -6799.766 | 6681.604 |
| _Idtype_45 | (dropped) |          |       |       |           |          |
| _Idtype_46 | -19.27229 | 89.40407 | -0.22 | 0.829 | -194.5551 | 156.0106 |
| _Idtype_47 | (dropped) |          |       |       |           |          |
| _Idtype_48 | (dropped) |          |       |       |           |          |
| _Idtype_49 | (dropped) |          |       |       |           |          |
| _Idtype_50 | (dropped) |          |       |       |           |          |
| _Idtype_51 | (dropped) |          |       |       |           |          |
| _Idtype_52 | (dropped) |          |       |       |           |          |
| _Idtype_53 | (dropped) |          |       |       |           |          |
| _Idtype_54 | (dropped) |          |       |       |           |          |
| _Idtype_55 | 32.08505  | 108.9022 | 0.29  | 0.768 | -181.4252 | 245.5953 |
| _Idtype_56 | (dropped) |          |       |       |           |          |
| _Idtype_57 | -2.04868  | 89.40296 | -0.02 | 0.982 | -177.3293 | 173.232  |
| _Idtype_58 | (dropped) |          |       |       |           |          |
| _Idtype_59 | (dropped) |          |       |       |           |          |
| _Idtype_60 | -8.126139 | 122.2201 | -0.07 | 0.947 | -247.747  | 231.4947 |
| _Idtype_61 | (dropped) |          |       |       |           |          |
| _Idtype_62 | (dropped) |          |       |       |           |          |
| _Idtype_63 | -28.33016 | 339.7363 | -0.08 | 0.934 | -694.4066 | 637.7462 |
| _Idtype_64 | (dropped) |          |       |       |           |          |
| _Idtype_65 | (dropped) |          |       |       |           |          |
| _Idtype_66 | (dropped) |          |       |       |           |          |
| _Idtype_67 | (dropped) |          |       |       |           |          |
| _Idtype_68 | -12.61132 | 325.221  | -0.04 | 0.969 | -650.2294 | 625.0068 |
| _Idtype_69 | (dropped) |          |       |       |           |          |
| _Idtype_70 | -27.7128  | 96.07541 | -0.29 | 0.773 | -216.0753 | 160.6497 |
| _Idtype_71 | (dropped) |          |       |       |           |          |
| _Idtype_72 | (dropped) |          |       |       |           |          |
| _Idtype_73 | (dropped) |          |       |       |           |          |
| _Idtype_74 | -19.26252 | 902.2973 | -0.02 | 0.983 | -1788.278 | 1749.753 |
| _Idtype_75 | -26.96031 | 298.6822 | -0.09 | 0.928 | -612.5472 | 558.6266 |
| _Idtype_76 | (dropped) |          |       |       |           |          |
| _Idtype_77 | (dropped) |          |       |       |           |          |
| _Idtype_78 | (dropped) |          |       |       |           |          |
| _Idtype_79 | (dropped) |          |       |       |           |          |
| _Idtype_80 | (dropped) |          |       |       |           |          |

|             |           |          |       |       |           |          |
|-------------|-----------|----------|-------|-------|-----------|----------|
| _Idtype_81  | (dropped) |          |       |       |           |          |
| _Idtype_82  | (dropped) |          |       |       |           |          |
| _Idtype_83  | (dropped) |          |       |       |           |          |
| _Idtype_84  | (dropped) |          |       |       |           |          |
| _Idtype_85  | (dropped) |          |       |       |           |          |
| _Idtype_86  | (dropped) |          |       |       |           |          |
| _Idtype_87  | (dropped) |          |       |       |           |          |
| _Idtype_88  | -16.51981 | 95.67331 | -0.17 | 0.863 | -204.0939 | 171.0543 |
| _Idtype_89  | (dropped) |          |       |       |           |          |
| _Idtype_90  | (dropped) |          |       |       |           |          |
| _Idtype_91  | (dropped) |          |       |       |           |          |
| _Idtype_92  | (dropped) |          |       |       |           |          |
| _Idtype_93  | (dropped) |          |       |       |           |          |
| _Idtype_94  | (dropped) |          |       |       |           |          |
| _Idtype_95  | (dropped) |          |       |       |           |          |
| _Idtype_96  | (dropped) |          |       |       |           |          |
| _Idtype_97  | (dropped) |          |       |       |           |          |
| _Idtype_98  | (dropped) |          |       |       |           |          |
| _Idtype_99  | (dropped) |          |       |       |           |          |
| _Idtype_100 | (dropped) |          |       |       |           |          |
| _Idtype_101 | -21.12799 | 161.1453 | -0.13 | 0.896 | -337.0643 | 294.8084 |
| _Idtype_102 | (dropped) |          |       |       |           |          |
| _Idtype_103 | (dropped) |          |       |       |           |          |
| _Idtype_104 | -6.244909 | 90.24122 | -0.07 | 0.945 | -183.169  | 170.6792 |
| _Idtype_105 | (dropped) |          |       |       |           |          |
| _Idtype_106 | (dropped) |          |       |       |           |          |
| _Idtype_107 | (dropped) |          |       |       |           |          |
| _Idtype_108 | (dropped) |          |       |       |           |          |
| _Idtype_109 | (dropped) |          |       |       |           |          |
| _Idtype_110 | (dropped) |          |       |       |           |          |
| _Idtype_111 | -15.22806 | 91.75659 | -0.17 | 0.868 | -195.1232 | 164.6671 |
| _Idtype_112 | (dropped) |          |       |       |           |          |
| _Idtype_113 | (dropped) |          |       |       |           |          |
| _Idtype_114 | (dropped) |          |       |       |           |          |
| _Idtype_115 | -2.356268 | 91.29266 | -0.03 | 0.979 | -181.3418 | 176.6293 |
| _Idtype_116 | -40.12994 | 165.1404 | -0.24 | 0.808 | -363.8991 | 283.6392 |
| _Idtype_117 | (dropped) |          |       |       |           |          |
| _Idtype_118 | (dropped) |          |       |       |           |          |
| _Idtype_119 | (dropped) |          |       |       |           |          |
| _Idtype_120 | (dropped) |          |       |       |           |          |
| _Idtype_121 | (dropped) |          |       |       |           |          |
| _Idtype_122 | (dropped) |          |       |       |           |          |
| _Idtype_123 | (dropped) |          |       |       |           |          |
| _Idtype_124 | (dropped) |          |       |       |           |          |
| _Idtype_125 | (dropped) |          |       |       |           |          |
| _Idtype_126 | (dropped) |          |       |       |           |          |
| _Idtype_127 | (dropped) |          |       |       |           |          |
| _Idtype_128 | -44.80036 | 239.4022 | -0.19 | 0.852 | -514.1649 | 424.5642 |
| _Idtype_129 | -11.45564 | 90.03526 | -0.13 | 0.899 | -187.976  | 165.0647 |
| _Idtype_130 | (dropped) |          |       |       |           |          |
| _Idtype_131 | (dropped) |          |       |       |           |          |
| _Idtype_132 | (dropped) |          |       |       |           |          |
| _Idtype_133 | (dropped) |          |       |       |           |          |
| _Idtype_134 | (dropped) |          |       |       |           |          |
| _Idtype_135 | (dropped) |          |       |       |           |          |
| _Idtype_136 | (dropped) |          |       |       |           |          |
| _Idtype_137 | (dropped) |          |       |       |           |          |
| _Idtype_138 | (dropped) |          |       |       |           |          |
| _Idtype_139 | 27.31041  | 1905.725 | 0.01  | 0.989 | -3708.995 | 3763.616 |
| _Idtype_140 | (dropped) |          |       |       |           |          |
| _Idtype_141 | (dropped) |          |       |       |           |          |
| _Idtype_142 | (dropped) |          |       |       |           |          |
| _Idtype_143 | (dropped) |          |       |       |           |          |
| _Idtype_144 | (dropped) |          |       |       |           |          |
| _Idtype_145 | 3.754593  | 100.1576 | 0.04  | 0.970 | -192.6113 | 200.1204 |
| _Idtype_146 | (dropped) |          |       |       |           |          |
| _Idtype_147 | (dropped) |          |       |       |           |          |
| _Idtype_148 | (dropped) |          |       |       |           |          |
| _Idtype_149 | 38.22633  | 7836     | 0.00  | 0.996 | -15324.79 | 15401.24 |
| _Idtype_150 | (dropped) |          |       |       |           |          |
| _Idtype_151 | (dropped) |          |       |       |           |          |



|             |           |          |       |       |           |          |
|-------------|-----------|----------|-------|-------|-----------|----------|
| _Idtype_152 | -20.36056 | 2795.436 | -0.01 | 0.994 | -5501.006 | 5460.285 |
| _Idtype_153 | (dropped) |          |       |       |           |          |
| _Idtype_154 | -7.745778 | 93.17902 | -0.08 | 0.934 | -190.4297 | 174.9381 |
| _Idtype_155 | (dropped) |          |       |       |           |          |
| _Idtype_156 | (dropped) |          |       |       |           |          |
| _Idtype_157 | -9.04316  | 91.13872 | -0.10 | 0.921 | -187.7269 | 169.6406 |
| _Idtype_158 | -13.53777 | 91.71354 | -0.15 | 0.883 | -193.3485 | 166.273  |
| _Idtype_159 | -22.02811 | 732.475  | -0.03 | 0.976 | -1458.096 | 1414.04  |
| _Idtype_160 | (dropped) |          |       |       |           |          |
| _Idtype_161 | -54.84096 | 4625.632 | -0.01 | 0.991 | -9123.71  | 9014.029 |
| _Idtype_162 | (dropped) |          |       |       |           |          |
| _Idtype_163 | (dropped) |          |       |       |           |          |
| _Idtype_164 | (dropped) |          |       |       |           |          |
| _Idtype_165 | (dropped) |          |       |       |           |          |
| _Idtype_166 | -28.71036 | 141.7787 | -0.20 | 0.840 | -306.6772 | 249.2565 |
| _Idtype_167 | (dropped) |          |       |       |           |          |
| _Idtype_168 | (dropped) |          |       |       |           |          |
| _Idtype_169 | (dropped) |          |       |       |           |          |
| _Idtype_170 | (dropped) |          |       |       |           |          |
| _Idtype_171 | (dropped) |          |       |       |           |          |
| _Idtype_172 | -72.2944  | 3357.703 | -0.02 | 0.983 | -6655.302 | 6510.713 |
| _Idtype_173 | (dropped) |          |       |       |           |          |
| _Idtype_174 | (dropped) |          |       |       |           |          |
| _Idtype_175 | (dropped) |          |       |       |           |          |
| _Idtype_176 | -23.0684  | 1508.342 | -0.02 | 0.988 | -2980.277 | 2934.14  |
| _Idtype_177 | -13.20999 | 125.0391 | -0.11 | 0.916 | -258.3577 | 231.9377 |
| _Idtype_178 | (dropped) |          |       |       |           |          |
| _Idtype_179 | (dropped) |          |       |       |           |          |
| _Idtype_180 | (dropped) |          |       |       |           |          |
| _Idtype_181 | (dropped) |          |       |       |           |          |
| _Idtype_182 | (dropped) |          |       |       |           |          |
| _Idtype_183 | (dropped) |          |       |       |           |          |
| _Idtype_184 | (dropped) |          |       |       |           |          |
| _Idtype_185 | (dropped) |          |       |       |           |          |
| _Idtype_186 | -16.46539 | 96.78917 | -0.17 | 0.865 | -206.2272 | 173.2964 |
| _Idtype_187 | (dropped) |          |       |       |           |          |
| _Idtype_188 | (dropped) |          |       |       |           |          |
| _Idtype_189 | (dropped) |          |       |       |           |          |
| _Idtype_190 | -20.687   | 132.9025 | -0.16 | 0.876 | -281.2515 | 239.8775 |
| _Idtype_191 | (dropped) |          |       |       |           |          |
| _Idtype_192 | -32.15277 | 223.4339 | -0.14 | 0.886 | -470.2103 | 405.9048 |
| _Idtype_193 | -25.89635 | 90.27865 | -0.29 | 0.774 | -202.8939 | 151.1012 |
| _Idtype_194 | (dropped) |          |       |       |           |          |
| _Idtype_195 | (dropped) |          |       |       |           |          |
| _Idtype_196 | (dropped) |          |       |       |           |          |
| _Idtype_197 | (dropped) |          |       |       |           |          |
| _Idtype_198 | (dropped) |          |       |       |           |          |
| _Idtype_199 | 4.727267  | 431.8195 | 0.01  | 0.991 | -841.8846 | 851.3391 |
| _Idtype_200 | (dropped) |          |       |       |           |          |
| _Idtype_201 | -3.473054 | 297.8768 | -0.01 | 0.991 | -587.481  | 580.5349 |
| _Idtype_202 | (dropped) |          |       |       |           |          |
| _Idtype_203 | (dropped) |          |       |       |           |          |
| _Idtype_204 | (dropped) |          |       |       |           |          |
| _Idtype_205 | (dropped) |          |       |       |           |          |
| _Idtype_206 | (dropped) |          |       |       |           |          |
| _Idtype_207 | (dropped) |          |       |       |           |          |
| _Idtype_208 | (dropped) |          |       |       |           |          |
| _Idtype_209 | 1.715206  | 2129.639 | 0.00  | 0.999 | -4173.59  | 4177.02  |
| _Idtype_210 | (dropped) |          |       |       |           |          |
| _Idtype_211 | (dropped) |          |       |       |           |          |
| _Idtype_212 | (dropped) |          |       |       |           |          |
| _Idtype_213 | 16.00916  | 99.91291 | 0.16  | 0.873 | -179.877  | 211.8953 |
| _Idtype_214 | -29.2418  | 487.4364 | -0.06 | 0.952 | -984.8944 | 926.4108 |
| _Idtype_215 | (dropped) |          |       |       |           |          |
| _Idtype_216 | -21.66277 | 89.40017 | -0.24 | 0.809 | -196.9379 | 153.6124 |
| _Idtype_217 | (dropped) |          |       |       |           |          |
| _Idtype_218 | (dropped) |          |       |       |           |          |
| _Idtype_219 | 14.20812  | 99.76114 | 0.14  | 0.887 | -181.3805 | 209.7967 |
| _Idtype_220 | (dropped) |          |       |       |           |          |
| _Idtype_221 | -14.52041 | 89.4308  | -0.16 | 0.871 | -189.8557 | 160.8148 |
| _Idtype_222 | (dropped) |          |       |       |           |          |

|             |           |          |       |       |           |          |
|-------------|-----------|----------|-------|-------|-----------|----------|
| _Idtype_223 | -13.86895 | 89.43044 | -0.16 | 0.877 | -189.2035 | 161.4656 |
| _Idtype_224 | (dropped) |          |       |       |           |          |
| _Idtype_225 | (dropped) |          |       |       |           |          |
| _Idtype_226 | (dropped) |          |       |       |           |          |
| _Idtype_227 | (dropped) |          |       |       |           |          |
| wt_t0       | -.1135382 | .761982  | -0.15 | 0.882 | -1.607456 | 1.38038  |
| _IdtyXwt_2  | -.0840985 | 7.161022 | -0.01 | 0.991 | -14.12377 | 13.95558 |
| _IdtyXwt_3  | .2113337  | 50.28207 | 0.00  | 0.997 | -98.37012 | 98.79279 |
| _IdtyXwt_4  | .4171131  | 19.56022 | 0.02  | 0.983 | -37.93204 | 38.76626 |
| _IdtyXwt_5  | -1.012336 | 519.9966 | -0.00 | 0.998 | -1020.502 | 1018.477 |
| _IdtyXwt_6  | .2028999  | .7630651 | 0.27  | 0.790 | -1.293142 | 1.698942 |
| _IdtyXwt_7  | .1051201  | .7836765 | 0.13  | 0.893 | -1.431332 | 1.641572 |
| _IdtyXwt_8  | .0284405  | 2.127521 | 0.01  | 0.989 | -4.142711 | 4.199592 |
| _IdtyXwt_9  | -.0209098 | .7687698 | -0.03 | 0.978 | -1.528136 | 1.486316 |
| _IdtyXwt_10 | (dropped) |          |       |       |           |          |
| _IdtyXwt_11 | .2391907  | 13.7145  | 0.02  | 0.986 | -26.64902 | 27.1274  |
| _IdtyXwt_12 | .1104444  | 5.394076 | 0.02  | 0.984 | -10.46501 | 10.6859  |
| _IdtyXwt_13 | .0136193  | .7628962 | 0.02  | 0.986 | -1.482091 | 1.50933  |
| _IdtyXwt_14 | .0757737  | 2.275122 | 0.03  | 0.973 | -4.38476  | 4.536307 |
| _IdtyXwt_15 | .0931869  | 20.85883 | 0.00  | 0.996 | -40.80198 | 40.98835 |
| _IdtyXwt_16 | .0537764  | .8987224 | 0.06  | 0.952 | -1.708231 | 1.815784 |
| _IdtyXwt_17 | .0124406  | .7714684 | 0.02  | 0.987 | -1.500076 | 1.524957 |
| _IdtyXwt_18 | .0376186  | .7622803 | 0.05  | 0.961 | -1.456884 | 1.532122 |
| _IdtyXwt_19 | .0037263  | .7753553 | 0.00  | 0.996 | -1.516411 | 1.523864 |
| _IdtyXwt_20 | -.4624641 | 22.03816 | -0.02 | 0.983 | -43.66979 | 42.74487 |
| _IdtyXwt_21 | .0894273  | .7721205 | 0.12  | 0.908 | -1.424368 | 1.603223 |
| _IdtyXwt_22 | (dropped) |          |       |       |           |          |
| _IdtyXwt_23 | (dropped) |          |       |       |           |          |
| _IdtyXwt_24 | -.003853  | .7655093 | -0.01 | 0.996 | -1.504687 | 1.496981 |
| _IdtyXwt_25 | -.1373917 | 5.969531 | -0.02 | 0.982 | -11.84107 | 11.56629 |
| _IdtyXwt_26 | .1275644  | 9.075591 | 0.01  | 0.989 | -17.66576 | 17.92089 |
| _IdtyXwt_27 | .082867   | 4.571644 | 0.02  | 0.986 | -8.880156 | 9.04589  |
| _IdtyXwt_28 | .0526119  | .8047288 | 0.07  | 0.948 | -1.525114 | 1.630338 |
| _IdtyXwt_29 | -.0371622 | 261.2062 | -0.00 | 1.000 | -512.15   | 512.0756 |
| _IdtyXwt_30 | (dropped) |          |       |       |           |          |
| _IdtyXwt_31 | -.1148048 | 4.149199 | -0.03 | 0.978 | -8.249596 | 8.019987 |
| _IdtyXwt_32 | -.0633113 | 2.088632 | -0.03 | 0.976 | -4.158219 | 4.031596 |
| _IdtyXwt_33 | (dropped) |          |       |       |           |          |
| _IdtyXwt_34 | -.0164811 | .7756583 | -0.02 | 0.983 | -1.537213 | 1.50425  |
| _IdtyXwt_35 | -.1212493 | .8599782 | -0.14 | 0.888 | -1.807296 | 1.564797 |
| _IdtyXwt_36 | .0176355  | .847608  | 0.02  | 0.983 | -1.644158 | 1.679429 |
| _IdtyXwt_37 | -.0165021 | .8196577 | -0.02 | 0.984 | -1.623497 | 1.590493 |
| _IdtyXwt_38 | -.0738898 | .7620535 | -0.10 | 0.923 | -1.567948 | 1.420169 |
| _IdtyXwt_39 | .0092701  | .7621441 | 0.01  | 0.990 | -1.484966 | 1.503506 |
| _IdtyXwt_40 | .0031316  | .7619881 | 0.00  | 0.997 | -1.490799 | 1.497062 |
| _IdtyXwt_41 | .0783938  | .8947647 | 0.09  | 0.930 | -1.675854 | 1.832642 |
| _IdtyXwt_42 | .0764864  | .762391  | 0.10  | 0.920 | -1.418234 | 1.571206 |
| _IdtyXwt_43 | -.0108666 | .7651918 | -0.01 | 0.989 | -1.511078 | 1.489345 |
| _IdtyXwt_44 | -.1887983 | 14.0329  | -0.01 | 0.989 | -27.70126 | 27.32366 |
| _IdtyXwt_45 | -.0417586 | .7626947 | -0.05 | 0.956 | -1.537074 | 1.453557 |
| _IdtyXwt_46 | .0230847  | .7620578 | 0.03  | 0.976 | -1.470982 | 1.517151 |
| _IdtyXwt_47 | -2.008271 | 1.964165 | -1.02 | 0.307 | -5.859153 | 1.84261  |
| _IdtyXwt_48 | .2339285  | 93.35713 | 0.00  | 0.998 | -182.7992 | 183.267  |
| _IdtyXwt_49 | -.1719643 | .7622113 | -0.23 | 0.822 | -1.666332 | 1.322403 |
| _IdtyXwt_50 | -.6686459 | 1.459623 | -0.46 | 0.647 | -3.530338 | 2.193046 |
| _IdtyXwt_51 | .0641115  | .7621416 | 0.08  | 0.933 | -1.43012  | 1.558343 |
| _IdtyXwt_52 | -.242099  | .763075  | -0.32 | 0.751 | -1.73816  | 1.253962 |
| _IdtyXwt_53 | .1136078  | .7622414 | 0.15  | 0.882 | -1.380819 | 1.608035 |
| _IdtyXwt_54 | .2135823  | .7653893 | 0.28  | 0.780 | -1.287016 | 1.714181 |
| _IdtyXwt_55 | .265926   | .862034  | 0.31  | 0.758 | -1.424151 | 1.956003 |
| _IdtyXwt_56 | -.2982299 | 2.500909 | -0.12 | 0.905 | -5.201435 | 4.604975 |
| _IdtyXwt_57 | -.2194835 | .762779  | -0.29 | 0.774 | -1.714964 | 1.275997 |
| _IdtyXwt_58 | -.6791731 | .794928  | -0.85 | 0.393 | -2.237684 | .879338  |
| _IdtyXwt_59 | .1458231  | 1.069494 | 0.14  | 0.892 | -1.950994 | 2.242641 |
| _IdtyXwt_60 | -.0177572 | .8654093 | -0.02 | 0.984 | -1.714452 | 1.678937 |
| _IdtyXwt_61 | -.0266342 | 2.051567 | -0.01 | 0.990 | -4.048874 | 3.995605 |
| _IdtyXwt_62 | -.1636944 | .9325711 | -0.18 | 0.861 | -1.992064 | 1.664675 |
| _IdtyXwt_63 | -.0502488 | 1.02952  | -0.05 | 0.961 | -2.068693 | 1.968196 |
| _IdtyXwt_64 | -.0867777 | 1.344325 | -0.06 | 0.949 | -2.72242  | 2.548865 |
| _IdtyXwt_65 | (dropped) |          |       |       |           |          |
| _IdtyXwt_66 | .0400317  | .8317588 | 0.05  | 0.962 | -1.590689 | 1.670752 |

|              |           |          |       |       |           |          |
|--------------|-----------|----------|-------|-------|-----------|----------|
| _IdtyXwt_67  | .0625034  | .837869  | 0.07  | 0.941 | -1.580197 | 1.705203 |
| _IdtyXwt_68  | -.2185639 | 2.643411 | -0.08 | 0.934 | -5.401153 | 4.964026 |
| _IdtyXwt_69  | -.1029566 | .9985703 | -0.10 | 0.918 | -2.060722 | 1.854809 |
| _IdtyXwt_70  | .0399433  | .7987724 | 0.05  | 0.960 | -1.526105 | 1.605992 |
| _IdtyXwt_71  | .2687044  | 21.88369 | 0.01  | 0.990 | -42.63577 | 43.17318 |
| _IdtyXwt_72  | .2498117  | 52.95335 | 0.00  | 0.996 | -103.5689 | 104.0685 |
| _IdtyXwt_73  | -.0773786 | 1.092933 | -0.07 | 0.944 | -2.220148 | 2.065391 |
| _IdtyXwt_74  | -.0242256 | 2.507738 | -0.01 | 0.992 | -4.940818 | 4.892367 |
| _IdtyXwt_75  | -.0758395 | 1.111202 | -0.07 | 0.946 | -2.254427 | 2.102748 |
| _IdtyXwt_76  | .2512299  | 45.68415 | 0.01  | 0.996 | -89.31568 | 89.81814 |
| _IdtyXwt_77  | -.2940736 | 72.04624 | -0.00 | 0.997 | -141.5457 | 140.9575 |
| _IdtyXwt_78  | .0340338  | 1.559503 | 0.02  | 0.983 | -3.02348  | 3.091548 |
| _IdtyXwt_79  | .9124357  | 144.0533 | 0.01  | 0.995 | -281.5139 | 283.3388 |
| _IdtyXwt_80  | (dropped) |          |       |       |           |          |
| _IdtyXwt_81  | (dropped) |          |       |       |           |          |
| _IdtyXwt_82  | .1055025  | .8591278 | 0.12  | 0.902 | -1.578877 | 1.789882 |
| _IdtyXwt_83  | -.0052437 | .9909518 | -0.01 | 0.996 | -1.948073 | 1.937585 |
| _IdtyXwt_84  | (dropped) |          |       |       |           |          |
| _IdtyXwt_85  | -.0181499 | .7777971 | -0.02 | 0.981 | -1.543075 | 1.506775 |
| _IdtyXwt_86  | -.0337653 | .8543839 | -0.04 | 0.968 | -1.708844 | 1.641313 |
| _IdtyXwt_87  | .1249993  | 30.14703 | 0.00  | 0.997 | -58.98033 | 59.23033 |
| _IdtyXwt_88  | .0191428  | .8192895 | 0.02  | 0.981 | -1.587131 | 1.625416 |
| _IdtyXwt_89  | .1130836  | .7840193 | 0.14  | 0.885 | -1.424404 | 1.650207 |
| _IdtyXwt_90  | -.0347052 | .7948354 | -0.04 | 0.965 | -1.593035 | 1.523624 |
| _IdtyXwt_91  | -.0273674 | 4.197469 | -0.01 | 0.995 | -8.256795 | 8.20206  |
| _IdtyXwt_92  | .0281135  | .7635867 | 0.04  | 0.971 | -1.468951 | 1.525178 |
| _IdtyXwt_93  | -.0905272 | .8942848 | -0.10 | 0.919 | -1.843834 | 1.66278  |
| _IdtyXwt_94  | .2106068  | 21.24428 | 0.01  | 0.992 | -41.44027 | 41.86149 |
| _IdtyXwt_95  | -.0164872 | .787812  | -0.02 | 0.983 | -1.561047 | 1.528073 |
| _IdtyXwt_96  | .0897479  | .7975361 | 0.11  | 0.910 | -1.473876 | 1.653372 |
| _IdtyXwt_97  | -.0023915 | .7625607 | -0.00 | 0.997 | -1.497444 | 1.492661 |
| _IdtyXwt_98  | -.1408135 | .7802804 | -0.18 | 0.857 | -1.670607 | 1.38898  |
| _IdtyXwt_99  | -.9203737 | 27.24727 | -0.03 | 0.973 | -54.34052 | 52.49977 |
| _IdtyXwt_100 | .0144205  | .7716582 | 0.02  | 0.985 | -1.498468 | 1.527309 |
| _IdtyXwt_101 | -.1254717 | 3.11997  | -0.04 | 0.968 | -6.242388 | 5.991444 |
| _IdtyXwt_102 | .3495781  | 35.0772  | 0.01  | 0.992 | -68.42169 | 69.12085 |
| _IdtyXwt_103 | (dropped) |          |       |       |           |          |
| _IdtyXwt_104 | .0502594  | .7639128 | 0.07  | 0.948 | -1.447444 | 1.547963 |
| _IdtyXwt_105 | -.0533156 | 6.191316 | -0.01 | 0.993 | -12.19182 | 12.08519 |
| _IdtyXwt_106 | .0351498  | .8045987 | 0.04  | 0.965 | -1.542321 | 1.612621 |
| _IdtyXwt_107 | .0990586  | .973573  | 0.10  | 0.919 | -1.809698 | 2.007816 |
| _IdtyXwt_108 | .0271183  | 9.174932 | 0.00  | 0.998 | -17.96097 | 18.0152  |
| _IdtyXwt_109 | (dropped) |          |       |       |           |          |
| _IdtyXwt_110 | -.001143  | 161.1822 | -0.00 | 1.000 | -316.0099 | 316.0076 |
| _IdtyXwt_111 | .0451603  | .7657035 | 0.06  | 0.953 | -1.456054 | 1.546375 |
| _IdtyXwt_112 | (dropped) |          |       |       |           |          |
| _IdtyXwt_113 | .086697   | 8.916    | 0.01  | 0.992 | -17.39373 | 17.56713 |
| _IdtyXwt_114 | .012755   | 1.046449 | 0.01  | 0.990 | -2.03888  | 2.06439  |
| _IdtyXwt_115 | .0784986  | .7687449 | 0.10  | 0.919 | -1.428679 | 1.585676 |
| _IdtyXwt_116 | -.2679365 | 1.051684 | -0.25 | 0.799 | -2.329835 | 1.793962 |
| _IdtyXwt_117 | -.0280422 | .9405176 | -0.03 | 0.976 | -1.871992 | 1.815907 |
| _IdtyXwt_118 | -.0780171 | .8171346 | -0.10 | 0.924 | -1.680066 | 1.524032 |
| _IdtyXwt_119 | -.2558268 | 1.072281 | -0.24 | 0.811 | -2.358108 | 1.846455 |
| _IdtyXwt_120 | -.0939138 | .7627615 | -0.12 | 0.902 | -1.58936  | 1.401533 |
| _IdtyXwt_121 | -.0396889 | .762022  | -0.05 | 0.958 | -1.533685 | 1.454308 |
| _IdtyXwt_122 | .0001005  | .7935399 | 0.00  | 1.000 | -1.555689 | 1.55589  |
| _IdtyXwt_123 | -.0784737 | .7620024 | -0.10 | 0.918 | -1.572432 | 1.415485 |
| _IdtyXwt_124 | -.0650307 | .7621067 | -0.09 | 0.932 | -1.559193 | 1.429132 |
| _IdtyXwt_125 | (dropped) |          |       |       |           |          |
| _IdtyXwt_126 | .0651577  | .7645805 | 0.09  | 0.932 | -1.433855 | 1.56417  |
| _IdtyXwt_127 | .0570881  | .7629357 | 0.07  | 0.940 | -1.4387   | 1.552876 |
| _IdtyXwt_128 | -.1456294 | 1.126492 | -0.13 | 0.897 | -2.354194 | 2.062935 |
| _IdtyXwt_129 | -.0615374 | .7712488 | -0.08 | 0.936 | -1.573624 | 1.450549 |
| _IdtyXwt_130 | (dropped) |          |       |       |           |          |
| _IdtyXwt_131 | -.1950525 | .7621942 | -0.26 | 0.798 | -1.689387 | 1.299282 |
| _IdtyXwt_132 | -.0326011 | .7743674 | -0.04 | 0.966 | -1.550802 | 1.4856   |
| _IdtyXwt_133 | .2913275  | 65.54515 | 0.00  | 0.996 | -128.2145 | 128.7971 |
| _IdtyXwt_134 | .0033128  | 18.12301 | 0.00  | 1.000 | -35.52809 | 35.53471 |
| _IdtyXwt_135 | .05944    | 1.892096 | 0.03  | 0.975 | -3.650145 | 3.769025 |
| _IdtyXwt_136 | -.1411744 | 3.422355 | -0.04 | 0.967 | -6.850937 | 6.568588 |
| _IdtyXwt_137 | (dropped) |          |       |       |           |          |

|              |           |          |       |       |           |          |
|--------------|-----------|----------|-------|-------|-----------|----------|
| _IdtyXwt~138 | .1176424  | 4.075305 | 0.03  | 0.977 | -7.872274 | 8.107559 |
| _IdtyXwt~139 | .1905923  | 7.968287 | 0.02  | 0.981 | -15.43178 | 15.81297 |
| _IdtyXwt~140 | .0243054  | 2.430843 | 0.01  | 0.992 | -4.74153  | 4.790141 |
| _IdtyXwt~141 | (dropped) |          |       |       |           |          |
| _IdtyXwt~142 | (dropped) |          |       |       |           |          |
| _IdtyXwt~143 | .062432   | 12.31189 | 0.01  | 0.996 | -24.07587 | 24.20073 |
| _IdtyXwt~144 | .1075888  | 177.5422 | 0.00  | 1.000 | -347.9762 | 348.1914 |
| _IdtyXwt~145 | .0732636  | .9306841 | 0.08  | 0.937 | -1.751407 | 1.897934 |
| _IdtyXwt~146 | -.0475849 | .8106812 | -0.06 | 0.953 | -1.636981 | 1.541811 |
| _IdtyXwt~147 | .0934954  | .7754303 | 0.12  | 0.904 | -1.426789 | 1.61378  |
| _IdtyXwt~148 | -.0683494 | .8794481 | -0.08 | 0.938 | -1.792568 | 1.655869 |
| _IdtyXwt~149 | .0826325  | 61.434   | 0.00  | 0.999 | -120.3629 | 120.5282 |
| _IdtyXwt~150 | -.0145746 | .7885729 | -0.02 | 0.985 | -1.560626 | 1.531477 |
| _IdtyXwt~151 | -.147402  | 1.229662 | -0.12 | 0.905 | -2.558239 | 2.263435 |
| _IdtyXwt~152 | -.0146252 | 12.13402 | -0.00 | 0.999 | -23.80421 | 23.77496 |
| _IdtyXwt~153 | .0040693  | .766626  | 0.01  | 0.996 | -1.498954 | 1.507092 |
| _IdtyXwt~154 | -.0168154 | .7918774 | -0.02 | 0.983 | -1.569346 | 1.535715 |
| _IdtyXwt~155 | (dropped) |          |       |       |           |          |
| _IdtyXwt~156 | .0552375  | .8329684 | 0.07  | 0.947 | -1.577854 | 1.688329 |
| _IdtyXwt~157 | -.120456  | .7746974 | -0.16 | 0.876 | -1.639304 | 1.398392 |
| _IdtyXwt~158 | -.0313681 | .7797273 | -0.04 | 0.968 | -1.560077 | 1.497341 |
| _IdtyXwt~159 | -.2055476 | 11.4006  | -0.02 | 0.986 | -22.55722 | 22.14612 |
| _IdtyXwt~160 | .0563929  | .8644094 | 0.07  | 0.948 | -1.638341 | 1.751127 |
| _IdtyXwt~161 | .1968099  | 13.87799 | 0.01  | 0.989 | -27.01194 | 27.40556 |
| _IdtyXwt~162 | (dropped) |          |       |       |           |          |
| _IdtyXwt~163 | -.135263  | .7807537 | -0.17 | 0.862 | -1.665984 | 1.395458 |
| _IdtyXwt~164 | .0090267  | 1.922484 | 0.00  | 0.996 | -3.760136 | 3.778189 |
| _IdtyXwt~165 | (dropped) |          |       |       |           |          |
| _IdtyXwt~166 | .023152   | .809885  | 0.03  | 0.977 | -1.564683 | 1.610987 |
| _IdtyXwt~167 | .0973397  | 12.37296 | 0.01  | 0.994 | -24.1607  | 24.35538 |
| _IdtyXwt~168 | .1474407  | 48.76882 | 0.00  | 0.998 | -95.46719 | 95.76207 |
| _IdtyXwt~169 | (dropped) |          |       |       |           |          |
| _IdtyXwt~170 | .0450589  | .7685877 | 0.06  | 0.953 | -1.46181  | 1.551928 |
| _IdtyXwt~171 | .0722657  | .9261499 | 0.08  | 0.938 | -1.743515 | 1.888046 |
| _IdtyXwt~172 | .207225   | 132.1644 | 0.00  | 0.999 | -258.9102 | 259.3246 |
| _IdtyXwt~173 | -.0040282 | 1.107537 | -0.00 | 0.997 | -2.175432 | 2.167375 |
| _IdtyXwt~174 | -.1309997 | .9737914 | -0.13 | 0.893 | -2.040185 | 1.778185 |
| _IdtyXwt~175 | -.1742646 | 1.017801 | -0.17 | 0.864 | -2.169734 | 1.821204 |
| _IdtyXwt~176 | -.1459549 | 4.055549 | -0.04 | 0.971 | -8.097139 | 7.805229 |
| _IdtyXwt~177 | -.0623388 | 1.267992 | -0.05 | 0.961 | -2.548324 | 2.423646 |
| _IdtyXwt~178 | -.1712768 | .8722541 | -0.20 | 0.844 | -1.881391 | 1.538837 |
| _IdtyXwt~179 | -.3222914 | 40.78672 | -0.01 | 0.994 | -80.28746 | 79.64288 |
| _IdtyXwt~180 | .3066316  | 762.032  | 0.00  | 1.000 | -1493.71  | 1494.323 |
| _IdtyXwt~181 | .1087196  | 1.680654 | 0.06  | 0.948 | -3.186318 | 3.403757 |
| _IdtyXwt~182 | -.0605882 | 1.101258 | -0.06 | 0.956 | -2.21968  | 2.098503 |
| _IdtyXwt~183 | -.0742988 | .7627413 | -0.10 | 0.922 | -1.569706 | 1.421108 |
| _IdtyXwt~184 | .1494008  | .8336885 | 0.18  | 0.858 | -1.485103 | 1.783905 |
| _IdtyXwt~185 | .2403033  | 1.938359 | 0.12  | 0.901 | -3.559983 | 4.040589 |
| _IdtyXwt~186 | .0949607  | .7911245 | 0.12  | 0.904 | -1.456093 | 1.646015 |
| _IdtyXwt~187 | .289321   | 74.7004  | 0.00  | 0.997 | -146.166  | 146.7446 |
| _IdtyXwt~188 | (dropped) |          |       |       |           |          |
| _IdtyXwt~189 | -.0572111 | 1.696874 | -0.03 | 0.973 | -3.384049 | 3.269627 |
| _IdtyXwt~190 | .0173156  | .9032734 | 0.02  | 0.985 | -1.753614 | 1.788245 |
| _IdtyXwt~191 | .2239546  | 1.722643 | 0.13  | 0.897 | -3.153405 | 3.601314 |
| _IdtyXwt~192 | -.5553531 | 1.4828   | -0.37 | 0.708 | -3.462484 | 2.351778 |
| _IdtyXwt~193 | .0594667  | .7647679 | 0.08  | 0.938 | -1.439913 | 1.558847 |
| _IdtyXwt~194 | .2113016  | .8687744 | 0.24  | 0.808 | -1.49199  | 1.914594 |
| _IdtyXwt~195 | -.0287932 | 32.45659 | -0.00 | 0.999 | -63.66216 | 63.60458 |
| _IdtyXwt~196 | .1521673  | 5.154147 | 0.03  | 0.976 | -9.952892 | 10.25723 |
| _IdtyXwt~197 | .1092879  | .9321658 | 0.12  | 0.907 | -1.718287 | 1.936863 |
| _IdtyXwt~198 | (dropped) |          |       |       |           |          |
| _IdtyXwt~199 | -.1160931 | 2.079304 | -0.06 | 0.955 | -4.192713 | 3.960526 |
| _IdtyXwt~200 | -.0240629 | .8093706 | -0.03 | 0.976 | -1.61089  | 1.562764 |
| _IdtyXwt~201 | .0296053  | 1.932031 | 0.02  | 0.988 | -3.758274 | 3.817485 |
| _IdtyXwt~202 | (dropped) |          |       |       |           |          |
| _IdtyXwt~203 | .1543573  | 1.89372  | 0.08  | 0.935 | -3.55841  | 3.867125 |
| _IdtyXwt~204 | .0107065  | 10.93911 | 0.00  | 0.999 | -21.43618 | 21.45759 |
| _IdtyXwt~205 | -.5162892 | 508.253  | -0.00 | 0.999 | -996.9814 | 995.9488 |
| _IdtyXwt~206 | .0297875  | .8539066 | 0.03  | 0.972 | -1.644355 | 1.70393  |
| _IdtyXwt~207 | .0667277  | 30.46961 | 0.00  | 0.998 | -59.67104 | 59.80449 |
| _IdtyXwt~208 | (dropped) |          |       |       |           |          |

|              |           |          |       |       |           |          |
|--------------|-----------|----------|-------|-------|-----------|----------|
| _IdtyXwt~209 | .1520205  | 40.06215 | 0.00  | 0.997 | -78.39258 | 78.69662 |
| _IdtyXwt~210 | .0496165  | .7925125 | 0.06  | 0.950 | -1.504159 | 1.603392 |
| _IdtyXwt~211 | -.2064926 | 1.094512 | -0.19 | 0.850 | -2.352358 | 1.939373 |
| _IdtyXwt~212 | -.338891  | .7736873 | -0.44 | 0.661 | -1.855758 | 1.177976 |
| _IdtyXwt~213 | -.1032553 | .883451  | -0.12 | 0.907 | -1.835322 | 1.628811 |
| _IdtyXwt~214 | .1417711  | 8.595422 | 0.02  | 0.987 | -16.71014 | 16.99369 |
| _IdtyXwt~215 | .4511196  | 287.1271 | 0.00  | 0.999 | -562.4814 | 563.3836 |
| _IdtyXwt~216 | -.22989   | .762083  | -0.30 | 0.763 | -1.724006 | 1.264226 |
| _IdtyXwt~217 | -3.392023 | 332.4735 | -0.01 | 0.992 | -655.2293 | 648.4452 |
| _IdtyXwt~218 | -.0009364 | .7620447 | -0.00 | 0.999 | -1.494977 | 1.493105 |
| _IdtyXwt~219 | .1076396  | .7901562 | 0.14  | 0.892 | -1.441516 | 1.656795 |
| _IdtyXwt~220 | -.0520075 | .7641423 | -0.07 | 0.946 | -1.550161 | 1.446146 |
| _IdtyXwt~221 | .0558642  | .7622909 | 0.07  | 0.942 | -1.43866  | 1.550388 |
| _IdtyXwt~222 | .1547711  | .772396  | 0.20  | 0.841 | -1.359564 | 1.669107 |
| _IdtyXwt~223 | -.0505869 | .7622787 | -0.07 | 0.947 | -1.545087 | 1.443913 |
| _IdtyXwt~224 | -.0145019 | .9321198 | -0.02 | 0.988 | -1.841987 | 1.812983 |
| _IdtyXwt~225 | .2965752  | 1.646124 | 0.18  | 0.857 | -2.930765 | 3.523915 |
| _IdtyXwt~226 | -.1403735 | .7626498 | -0.18 | 0.854 | -1.635601 | 1.354854 |
| _IdtyXwt~227 | .0299139  | 13.61559 | 0.00  | 0.998 | -26.66438 | 26.72421 |
| _Idtype_2    | (dropped) |          |       |       |           |          |
| _Idtype_3    | (dropped) |          |       |       |           |          |
| _Idtype_4    | 38.51036  | 1555.146 | 0.02  | 0.980 | -3010.46  | 3087.48  |
| _Idtype_5    | (dropped) |          |       |       |           |          |
| _Idtype_6    | (dropped) |          |       |       |           |          |
| _Idtype_7    | (dropped) |          |       |       |           |          |
| _Idtype_8    | -7.438314 | 245.7584 | -0.03 | 0.976 | -489.2646 | 474.3879 |
| _Idtype_9    | (dropped) |          |       |       |           |          |
| _Idtype_10   | (dropped) |          |       |       |           |          |
| _Idtype_11   | (dropped) |          |       |       |           |          |
| _Idtype_12   | (dropped) |          |       |       |           |          |
| _Idtype_13   | (dropped) |          |       |       |           |          |
| _Idtype_14   | (dropped) |          |       |       |           |          |
| _Idtype_15   | -24.71665 | 3865.764 | -0.01 | 0.995 | -7603.814 | 7554.381 |
| _Idtype_16   | (dropped) |          |       |       |           |          |
| _Idtype_17   | (dropped) |          |       |       |           |          |
| _Idtype_18   | (dropped) |          |       |       |           |          |
| _Idtype_19   | -16.49731 | 91.94581 | -0.18 | 0.858 | -196.7634 | 163.7688 |
| _Idtype_20   | (dropped) |          |       |       |           |          |
| _Idtype_21   | (dropped) |          |       |       |           |          |
| _Idtype_22   | (dropped) |          |       |       |           |          |
| _Idtype_23   | (dropped) |          |       |       |           |          |
| _Idtype_24   | -23.99073 | 91.63566 | -0.26 | 0.793 | -203.6487 | 155.6673 |
| _Idtype_25   | (dropped) |          |       |       |           |          |
| _Idtype_26   | (dropped) |          |       |       |           |          |
| _Idtype_27   | (dropped) |          |       |       |           |          |
| _Idtype_28   | (dropped) |          |       |       |           |          |
| _Idtype_29   | (dropped) |          |       |       |           |          |
| _Idtype_30   | (dropped) |          |       |       |           |          |
| _Idtype_31   | (dropped) |          |       |       |           |          |
| _Idtype_32   | (dropped) |          |       |       |           |          |
| _Idtype_33   | (dropped) |          |       |       |           |          |
| _Idtype_34   | (dropped) |          |       |       |           |          |
| _Idtype_35   | (dropped) |          |       |       |           |          |
| _Idtype_36   | 17.80663  | 134.7834 | 0.13  | 0.895 | -246.4455 | 282.0588 |
| _Idtype_37   | (dropped) |          |       |       |           |          |
| _Idtype_38   | -17.22591 | 89.43088 | -0.19 | 0.847 | -192.5613 | 158.1095 |
| _Idtype_39   | (dropped) |          |       |       |           |          |
| _Idtype_40   | (dropped) |          |       |       |           |          |
| _Idtype_41   | (dropped) |          |       |       |           |          |
| _Idtype_42   | (dropped) |          |       |       |           |          |
| _Idtype_43   | (dropped) |          |       |       |           |          |
| _Idtype_44   | (dropped) |          |       |       |           |          |
| _Idtype_45   | (dropped) |          |       |       |           |          |
| _Idtype_46   | (dropped) |          |       |       |           |          |
| _Idtype_47   | (dropped) |          |       |       |           |          |
| _Idtype_48   | (dropped) |          |       |       |           |          |
| _Idtype_49   | -18.4615  | 89.40878 | -0.21 | 0.836 | -193.7536 | 156.8306 |
| _Idtype_50   | 27.74634  | 106.03   | 0.26  | 0.794 | -180.1327 | 235.6254 |
| _Idtype_51   | (dropped) |          |       |       |           |          |
| _Idtype_52   | -10.82798 | 89.40495 | -0.12 | 0.904 | -186.1125 | 164.4566 |
| _Idtype_53   | (dropped) |          |       |       |           |          |

|             |           |          |       |       |           |          |
|-------------|-----------|----------|-------|-------|-----------|----------|
| _Idtype_54  | (dropped) |          |       |       |           |          |
| _Idtype_55  | (dropped) |          |       |       |           |          |
| _Idtype_56  | (dropped) |          |       |       |           |          |
| _Idtype_57  | (dropped) |          |       |       |           |          |
| _Idtype_58  | (dropped) |          |       |       |           |          |
| _Idtype_59  | (dropped) |          |       |       |           |          |
| _Idtype_60  | (dropped) |          |       |       |           |          |
| _Idtype_61  | (dropped) |          |       |       |           |          |
| _Idtype_62  | (dropped) |          |       |       |           |          |
| _Idtype_63  | (dropped) |          |       |       |           |          |
| _Idtype_64  | -15.31302 | 395.9687 | -0.04 | 0.969 | -791.637  | 761.011  |
| _Idtype_65  | (dropped) |          |       |       |           |          |
| _Idtype_66  | (dropped) |          |       |       |           |          |
| _Idtype_67  | (dropped) |          |       |       |           |          |
| _Idtype_68  | (dropped) |          |       |       |           |          |
| _Idtype_69  | (dropped) |          |       |       |           |          |
| _Idtype_70  | (dropped) |          |       |       |           |          |
| _Idtype_71  | (dropped) |          |       |       |           |          |
| _Idtype_72  | (dropped) |          |       |       |           |          |
| _Idtype_73  | (dropped) |          |       |       |           |          |
| _Idtype_74  | (dropped) |          |       |       |           |          |
| _Idtype_75  | (dropped) |          |       |       |           |          |
| _Idtype_76  | (dropped) |          |       |       |           |          |
| _Idtype_77  | (dropped) |          |       |       |           |          |
| _Idtype_78  | (dropped) |          |       |       |           |          |
| _Idtype_79  | (dropped) |          |       |       |           |          |
| _Idtype_80  | (dropped) |          |       |       |           |          |
| _Idtype_81  | (dropped) |          |       |       |           |          |
| _Idtype_82  | -9.131585 | 99.66199 | -0.09 | 0.927 | -204.5258 | 186.2626 |
| _Idtype_83  | (dropped) |          |       |       |           |          |
| _Idtype_84  | (dropped) |          |       |       |           |          |
| _Idtype_85  | -10.95563 | 90.40847 | -0.12 | 0.904 | -188.2077 | 166.2964 |
| _Idtype_86  | (dropped) |          |       |       |           |          |
| _Idtype_87  | (dropped) |          |       |       |           |          |
| _Idtype_88  | (dropped) |          |       |       |           |          |
| _Idtype_89  | -14.44205 | 95.08606 | -0.15 | 0.879 | -200.8648 | 171.9807 |
| _Idtype_90  | (dropped) |          |       |       |           |          |
| _Idtype_91  | (dropped) |          |       |       |           |          |
| _Idtype_92  | -8.546558 | 89.59341 | -0.10 | 0.924 | -184.2006 | 167.1075 |
| _Idtype_93  | (dropped) |          |       |       |           |          |
| _Idtype_94  | (dropped) |          |       |       |           |          |
| _Idtype_95  | (dropped) |          |       |       |           |          |
| _Idtype_96  | (dropped) |          |       |       |           |          |
| _Idtype_97  | (dropped) |          |       |       |           |          |
| _Idtype_98  | (dropped) |          |       |       |           |          |
| _Idtype_99  | (dropped) |          |       |       |           |          |
| _Idtype_100 | (dropped) |          |       |       |           |          |
| _Idtype_101 | (dropped) |          |       |       |           |          |
| _Idtype_102 | (dropped) |          |       |       |           |          |
| _Idtype_103 | (dropped) |          |       |       |           |          |
| _Idtype_104 | (dropped) |          |       |       |           |          |
| _Idtype_105 | (dropped) |          |       |       |           |          |
| _Idtype_106 | (dropped) |          |       |       |           |          |
| _Idtype_107 | (dropped) |          |       |       |           |          |
| _Idtype_108 | (dropped) |          |       |       |           |          |
| _Idtype_109 | (dropped) |          |       |       |           |          |
| _Idtype_110 | (dropped) |          |       |       |           |          |
| _Idtype_111 | (dropped) |          |       |       |           |          |
| _Idtype_112 | (dropped) |          |       |       |           |          |
| _Idtype_113 | (dropped) |          |       |       |           |          |
| _Idtype_114 | (dropped) |          |       |       |           |          |
| _Idtype_115 | (dropped) |          |       |       |           |          |
| _Idtype_116 | (dropped) |          |       |       |           |          |
| _Idtype_117 | (dropped) |          |       |       |           |          |
| _Idtype_118 | -12.92966 | 99.31482 | -0.13 | 0.896 | -207.6432 | 181.7839 |
| _Idtype_119 | 4.289383  | 151.0388 | 0.03  | 0.977 | -291.8326 | 300.4113 |
| _Idtype_120 | (dropped) |          |       |       |           |          |
| _Idtype_121 | (dropped) |          |       |       |           |          |
| _Idtype_122 | -12.6757  | 129.4347 | -0.10 | 0.922 | -266.4414 | 241.09   |
| _Idtype_123 | (dropped) |          |       |       |           |          |
| _Idtype_124 | (dropped) |          |       |       |           |          |

|             |           |          |       |       |           |          |
|-------------|-----------|----------|-------|-------|-----------|----------|
| _Idtype_125 | (dropped) |          |       |       |           |          |
| _Idtype_126 | (dropped) |          |       |       |           |          |
| _Idtype_127 | (dropped) |          |       |       |           |          |
| _Idtype_128 | (dropped) |          |       |       |           |          |
| _Idtype_129 | (dropped) |          |       |       |           |          |
| _Idtype_130 | (dropped) |          |       |       |           |          |
| _Idtype_131 | -17.53196 | 89.4175  | -0.20 | 0.845 | -192.8411 | 157.7772 |
| _Idtype_132 | -15.90567 | 90.40175 | -0.18 | 0.860 | -193.1445 | 161.3332 |
| _Idtype_133 | -4.5487   | 6956.078 | -0.00 | 0.999 | -13642.42 | 13633.32 |
| _Idtype_134 | (dropped) |          |       |       |           |          |
| _Idtype_135 | 9.482168  | 592.8876 | 0.02  | 0.987 | -1152.915 | 1171.879 |
| _Idtype_136 | (dropped) |          |       |       |           |          |
| _Idtype_137 | (dropped) |          |       |       |           |          |
| _Idtype_138 | (dropped) |          |       |       |           |          |
| _Idtype_139 | (dropped) |          |       |       |           |          |
| _Idtype_140 | (dropped) |          |       |       |           |          |
| _Idtype_141 | (dropped) |          |       |       |           |          |
| _Idtype_142 | (dropped) |          |       |       |           |          |
| _Idtype_143 | (dropped) |          |       |       |           |          |
| _Idtype_144 | (dropped) |          |       |       |           |          |
| _Idtype_145 | (dropped) |          |       |       |           |          |
| _Idtype_146 | -2.688013 | 102.6497 | -0.03 | 0.979 | -203.9399 | 198.5638 |
| _Idtype_147 | -6.325706 | 94.21764 | -0.07 | 0.946 | -191.0459 | 178.3945 |
| _Idtype_148 | (dropped) |          |       |       |           |          |
| _Idtype_149 | (dropped) |          |       |       |           |          |
| _Idtype_150 | (dropped) |          |       |       |           |          |
| _Idtype_151 | -43.59122 | 478.8215 | -0.09 | 0.927 | -982.3538 | 895.1714 |
| _Idtype_152 | (dropped) |          |       |       |           |          |
| _Idtype_153 | -9.32842  | 89.87946 | -0.10 | 0.917 | -185.5433 | 166.8865 |
| _Idtype_154 | (dropped) |          |       |       |           |          |
| _Idtype_155 | (dropped) |          |       |       |           |          |
| _Idtype_156 | -7.382077 | 105.2032 | -0.07 | 0.944 | -213.6401 | 198.876  |
| _Idtype_157 | (dropped) |          |       |       |           |          |
| _Idtype_158 | (dropped) |          |       |       |           |          |
| _Idtype_159 | (dropped) |          |       |       |           |          |
| _Idtype_160 | (dropped) |          |       |       |           |          |
| _Idtype_161 | (dropped) |          |       |       |           |          |
| _Idtype_162 | (dropped) |          |       |       |           |          |
| _Idtype_163 | -30.03269 | 92.83448 | -0.32 | 0.746 | -212.0411 | 151.9757 |
| _Idtype_164 | (dropped) |          |       |       |           |          |
| _Idtype_165 | (dropped) |          |       |       |           |          |
| _Idtype_166 | (dropped) |          |       |       |           |          |
| _Idtype_167 | (dropped) |          |       |       |           |          |
| _Idtype_168 | -125.9575 | 35658.23 | -0.00 | 0.997 | -70036.36 | 69784.45 |
| _Idtype_169 | (dropped) |          |       |       |           |          |
| _Idtype_170 | (dropped) |          |       |       |           |          |
| _Idtype_171 | 7.392708  | 285.2543 | 0.03  | 0.979 | -551.868  | 566.6535 |
| _Idtype_172 | (dropped) |          |       |       |           |          |
| _Idtype_173 | (dropped) |          |       |       |           |          |
| _Idtype_174 | -27.35134 | 206.5314 | -0.13 | 0.895 | -432.2703 | 377.5676 |
| _Idtype_175 | (dropped) |          |       |       |           |          |
| _Idtype_176 | (dropped) |          |       |       |           |          |
| _Idtype_177 | (dropped) |          |       |       |           |          |
| _Idtype_178 | (dropped) |          |       |       |           |          |
| _Idtype_179 | -7.693453 | 5006.227 | -0.00 | 0.999 | -9822.746 | 9807.359 |
| _Idtype_180 | (dropped) |          |       |       |           |          |
| _Idtype_181 | -.2691602 | 107.6541 | -0.00 | 0.998 | -211.3325 | 210.7942 |
| _Idtype_182 | -41.90301 | 200.8536 | -0.21 | 0.835 | -435.6903 | 351.8843 |
| _Idtype_183 | (dropped) |          |       |       |           |          |
| _Idtype_184 | (dropped) |          |       |       |           |          |
| _Idtype_185 | -70.81503 | 535.959  | -0.13 | 0.895 | -1121.599 | 979.9694 |
| _Idtype_186 | (dropped) |          |       |       |           |          |
| _Idtype_187 | (dropped) |          |       |       |           |          |
| _Idtype_188 | (dropped) |          |       |       |           |          |
| _Idtype_189 | (dropped) |          |       |       |           |          |
| _Idtype_190 | (dropped) |          |       |       |           |          |
| _Idtype_191 | (dropped) |          |       |       |           |          |
| _Idtype_192 | (dropped) |          |       |       |           |          |
| _Idtype_193 | (dropped) |          |       |       |           |          |
| _Idtype_194 | -20.22697 | 109.3263 | -0.19 | 0.853 | -234.5686 | 194.1147 |
| _Idtype_195 | -6.232089 | 481.499  | -0.01 | 0.990 | -950.244  | 937.7798 |



|              |           |          |       |       |           |          |
|--------------|-----------|----------|-------|-------|-----------|----------|
| _Idtype_196  | (dropped) |          |       |       |           |          |
| _Idtype_197  | -30.03488 | 315.2511 | -0.10 | 0.924 | -648.1063 | 588.0366 |
| _Idtype_198  | (dropped) |          |       |       |           |          |
| _Idtype_199  | (dropped) |          |       |       |           |          |
| _Idtype_200  | .0293716  | 104.7058 | 0.00  | 1.000 | -205.2536 | 205.3123 |
| _Idtype_201  | (dropped) |          |       |       |           |          |
| _Idtype_202  | (dropped) |          |       |       |           |          |
| _Idtype_203  | (dropped) |          |       |       |           |          |
| _Idtype_204  | (dropped) |          |       |       |           |          |
| _Idtype_205  | (dropped) |          |       |       |           |          |
| _Idtype_206  | (dropped) |          |       |       |           |          |
| _Idtype_207  | (dropped) |          |       |       |           |          |
| _Idtype_208  | (dropped) |          |       |       |           |          |
| _Idtype_209  | (dropped) |          |       |       |           |          |
| _Idtype_210  | (dropped) |          |       |       |           |          |
| _Idtype_211  | -23.47837 | 111.2508 | -0.21 | 0.833 | -241.5932 | 194.6365 |
| _Idtype_212  | -8.479753 | 90.12976 | -0.09 | 0.925 | -185.1854 | 168.2258 |
| _Idtype_213  | (dropped) |          |       |       |           |          |
| _Idtype_214  | (dropped) |          |       |       |           |          |
| _Idtype_215  | (dropped) |          |       |       |           |          |
| _Idtype_216  | (dropped) |          |       |       |           |          |
| _Idtype_217  | -25.68429 | 2237.12  | -0.01 | 0.991 | -4411.712 | 4360.344 |
| _Idtype_218  | -20.51296 | 89.40081 | -0.23 | 0.819 | -195.7894 | 154.7635 |
| _Idtype_219  | (dropped) |          |       |       |           |          |
| _Idtype_220  | (dropped) |          |       |       |           |          |
| _Idtype_221  | (dropped) |          |       |       |           |          |
| _Idtype_222  | 44.93607  | 95.81568 | 0.47  | 0.639 | -142.9172 | 232.7893 |
| _Idtype_223  | (dropped) |          |       |       |           |          |
| _Idtype_224  | -25.76368 | 117.2867 | -0.22 | 0.826 | -255.7123 | 204.1849 |
| _Idtype_225  | 49.17896  | 183.4185 | 0.27  | 0.789 | -310.4257 | 408.7836 |
| _Idtype_226  | (dropped) |          |       |       |           |          |
| _Idtype_227  | (dropped) |          |       |       |           |          |
| _lnpcstarts  | -.0316901 | 8.764178 | -0.00 | 0.997 | -17.21447 | 17.15108 |
| _IdtyXlnp_2  | -.8104451 | 286.796  | -0.00 | 0.998 | -563.0938 | 561.4729 |
| _IdtyXlnp_3  | -.2611933 | 69.43115 | -0.00 | 0.997 | -136.3857 | 135.8634 |
| _IdtyXlnp_4  | -3.149782 | 155.0158 | -0.02 | 0.984 | -307.069  | 300.7695 |
| _IdtyXlnp_5  | (dropped) |          |       |       |           |          |
| _IdtyXlnp_6  | 1.290626  | 8.782767 | 0.15  | 0.883 | -15.92859 | 18.50985 |
| _IdtyXlnp_7  | 1.718033  | 9.811367 | 0.18  | 0.861 | -17.51783 | 20.95389 |
| _IdtyXlnp_8  | .638726   | 23.25614 | 0.03  | 0.978 | -44.95655 | 46.234   |
| _IdtyXlnp_9  | 1.835827  | 8.893516 | 0.21  | 0.836 | -15.60052 | 19.27218 |
| _IdtyXlnp_10 | (dropped) |          |       |       |           |          |
| _IdtyXlnp_11 | 1.823533  | 801.2638 | 0.00  | 0.998 | -1569.109 | 1572.756 |
| _IdtyXlnp_12 | .2641292  | 99.82056 | 0.00  | 0.998 | -195.4409 | 195.9692 |
| _IdtyXlnp_13 | 1.493     | 8.827047 | 0.17  | 0.866 | -15.81303 | 18.79903 |
| _IdtyXlnp_14 | 1.169735  | 27.80842 | 0.04  | 0.966 | -53.35059 | 55.69006 |
| _IdtyXlnp_15 | 2.265401  | 380.3285 | 0.01  | 0.995 | -743.3948 | 747.9256 |
| _IdtyXlnp_16 | .594735   | 10.48119 | 0.06  | 0.955 | -19.95436 | 21.14383 |
| _IdtyXlnp_17 | 2.778802  | 9.368559 | 0.30  | 0.767 | -15.5889  | 21.14651 |
| _IdtyXlnp_18 | 2.326665  | 8.779764 | 0.27  | 0.791 | -14.88667 | 19.54    |
| _IdtyXlnp_19 | 1.621676  | 9.016395 | 0.18  | 0.857 | -16.05559 | 19.29894 |
| _IdtyXlnp_20 | 1.996147  | 39.66435 | 0.05  | 0.960 | -75.76855 | 79.76084 |
| _IdtyXlnp_21 | 1.769559  | 9.309121 | 0.19  | 0.849 | -16.48161 | 20.02073 |
| _IdtyXlnp_22 | (dropped) |          |       |       |           |          |
| _IdtyXlnp_23 | (dropped) |          |       |       |           |          |
| _IdtyXlnp_24 | 2.280502  | 8.98435  | 0.25  | 0.800 | -15.33393 | 19.89494 |
| _IdtyXlnp_25 | 2.746573  | 60.19784 | 0.05  | 0.964 | -115.2754 | 120.7686 |
| _IdtyXlnp_26 | -2.179507 | 605.7556 | -0.00 | 0.997 | -1189.805 | 1185.446 |
| _IdtyXlnp_27 | 2.52495   | 139.1484 | 0.02  | 0.986 | -270.2851 | 275.335  |
| _IdtyXlnp_28 | 2.416664  | 10.48125 | 0.23  | 0.818 | -18.13254 | 22.96587 |
| _IdtyXlnp_29 | (dropped) |          |       |       |           |          |
| _IdtyXlnp_30 | (dropped) |          |       |       |           |          |
| _IdtyXlnp_31 | 3.845899  | 68.32085 | 0.06  | 0.955 | -130.1018 | 137.7936 |
| _IdtyXlnp_32 | 3.826694  | 39.24226 | 0.10  | 0.922 | -73.11047 | 80.76386 |
| _IdtyXlnp_33 | (dropped) |          |       |       |           |          |
| _IdtyXlnp_34 | 1.296186  | 9.234753 | 0.14  | 0.888 | -16.80918 | 19.40155 |
| _IdtyXlnp_35 | 2.161776  | 10.58153 | 0.20  | 0.838 | -18.58403 | 22.90759 |
| _IdtyXlnp_36 | -1.812291 | 14.55382 | -0.12 | 0.901 | -30.34605 | 26.72147 |
| _IdtyXlnp_37 | 2.724769  | 12.97339 | 0.21  | 0.834 | -22.71045 | 28.15999 |
| _IdtyXlnp_38 | 1.603739  | 8.76757  | 0.18  | 0.855 | -15.58569 | 18.79316 |
| _IdtyXlnp_39 | 1.38235   | 8.771509 | 0.16  | 0.875 | -15.8148  | 18.5795  |

|              |           |          |       |       |           |          |
|--------------|-----------|----------|-------|-------|-----------|----------|
| _IdtyXlnp_40 | 2.06542   | 8.764077 | 0.24  | 0.814 | -15.11716 | 19.248   |
| _IdtyXlnp_41 | 1.018547  | 9.821181 | 0.10  | 0.917 | -18.23655 | 20.27365 |
| _IdtyXlnp_42 | 2.314734  | 8.777307 | 0.26  | 0.792 | -14.89378 | 19.52325 |
| _IdtyXlnp_43 | .7586594  | 8.852057 | 0.09  | 0.932 | -16.59641 | 18.11373 |
| _IdtyXlnp_44 | 5.446686  | 328.5051 | 0.02  | 0.987 | -638.6103 | 649.5037 |
| _IdtyXlnp_45 | .7020326  | 8.822853 | 0.08  | 0.937 | -16.59578 | 17.99984 |
| _IdtyXlnp_46 | 1.626636  | 8.764923 | 0.19  | 0.853 | -15.5576  | 18.81087 |
| _IdtyXlnp_47 | 2.173965  | 10.95177 | 0.20  | 0.843 | -19.29773 | 23.64566 |
| _IdtyXlnp_48 | -.3305316 | 80.99125 | -0.00 | 0.997 | -159.1195 | 158.4584 |
| _IdtyXlnp_49 | 1.814042  | 8.765681 | 0.21  | 0.836 | -15.37168 | 18.99976 |
| _IdtyXlnp_50 | -2.101224 | 10.90815 | -0.19 | 0.847 | -23.4874  | 19.28495 |
| _IdtyXlnp_51 | 1.053254  | 8.767299 | 0.12  | 0.904 | -16.13564 | 18.24215 |
| _IdtyXlnp_52 | 1.280059  | 8.765336 | 0.15  | 0.884 | -15.90499 | 18.4651  |
| _IdtyXlnp_53 | -.407254  | 8.767735 | -0.05 | 0.963 | -17.597   | 16.78249 |
| _IdtyXlnp_54 | .4232345  | 8.798547 | 0.05  | 0.962 | -16.82692 | 17.67339 |
| _IdtyXlnp_55 | -4.520868 | 11.25261 | -0.40 | 0.688 | -26.58239 | 17.54065 |
| _IdtyXlnp_56 | (dropped) |          |       |       |           |          |
| _IdtyXlnp_57 | .2720377  | 8.765005 | 0.03  | 0.975 | -16.91236 | 17.45643 |
| _IdtyXlnp_58 | 1.960427  | 8.854773 | 0.22  | 0.825 | -15.39997 | 19.32082 |
| _IdtyXlnp_59 | -1.284633 | 13.58862 | -0.09 | 0.925 | -27.92606 | 25.35679 |
| _IdtyXlnp_60 | 1.012458  | 12.01907 | 0.08  | 0.933 | -22.55175 | 24.57667 |
| _IdtyXlnp_61 | 1.676056  | 36.38551 | 0.05  | 0.963 | -69.66024 | 73.01235 |
| _IdtyXlnp_62 | .6986609  | 12.17481 | 0.06  | 0.954 | -23.1709  | 24.56822 |
| _IdtyXlnp_63 | 2.892888  | 28.82845 | 0.10  | 0.920 | -53.62727 | 59.41305 |
| _IdtyXlnp_64 | 2.267692  | 35.88858 | 0.06  | 0.950 | -68.09434 | 72.62972 |
| _IdtyXlnp_65 | (dropped) |          |       |       |           |          |
| _IdtyXlnp_66 | 1.002514  | 10.35132 | 0.10  | 0.923 | -19.29197 | 21.297   |
| _IdtyXlnp_67 | .5041872  | 9.931805 | 0.05  | 0.960 | -18.9678  | 19.97617 |
| _IdtyXlnp_68 | 2.265046  | 36.07589 | 0.06  | 0.950 | -68.46423 | 72.99432 |
| _IdtyXlnp_69 | 1.068547  | 10.85367 | 0.10  | 0.922 | -20.21083 | 22.34792 |
| _IdtyXlnp_70 | 2.851329  | 9.404518 | 0.30  | 0.762 | -15.58688 | 21.28953 |
| _IdtyXlnp_71 | -3.798633 | 138.3836 | -0.03 | 0.978 | -275.1091 | 267.5119 |
| _IdtyXlnp_72 | (dropped) |          |       |       |           |          |
| _IdtyXlnp_73 | 1.978801  | 19.8342  | 0.10  | 0.921 | -36.90751 | 40.86511 |
| _IdtyXlnp_74 | 2.107845  | 83.81235 | 0.03  | 0.980 | -162.212  | 166.4277 |
| _IdtyXlnp_75 | 2.968108  | 26.63308 | 0.11  | 0.911 | -49.24789 | 55.1841  |
| _IdtyXlnp_76 | .2412564  | 466.1    | 0.00  | 1.000 | -913.5798 | 914.0623 |
| _IdtyXlnp_77 | -16.18713 | 5510.581 | -0.00 | 0.998 | -10820.06 | 10787.69 |
| _IdtyXlnp_78 | 2.301702  | 33.7817  | 0.07  | 0.946 | -63.92965 | 68.53305 |
| _IdtyXlnp_79 | .5823465  | 731.3538 | 0.00  | 0.999 | -1433.287 | 1434.452 |
| _IdtyXlnp_80 | (dropped) |          |       |       |           |          |
| _IdtyXlnp_81 | (dropped) |          |       |       |           |          |
| _IdtyXlnp_82 | .8466563  | 9.841457 | 0.09  | 0.931 | -18.4482  | 20.14151 |
| _IdtyXlnp_83 | .1950053  | 17.40992 | 0.01  | 0.991 | -33.93835 | 34.32836 |
| _IdtyXlnp_84 | 1.030614  | 283.5684 | 0.00  | 0.997 | -554.9248 | 556.9861 |
| _IdtyXlnp_85 | 1.213697  | 8.872182 | 0.14  | 0.891 | -16.18083 | 18.60822 |
| _IdtyXlnp_86 | 1.570429  | 9.94004  | 0.16  | 0.874 | -17.9177  | 21.05856 |
| _IdtyXlnp_87 | -.0714698 | 18.43002 | -0.00 | 0.997 | -36.20479 | 36.06185 |
| _IdtyXlnp_88 | 1.663429  | 9.42101  | 0.18  | 0.860 | -16.80711 | 20.13397 |
| _IdtyXlnp_89 | 1.173387  | 9.368985 | 0.13  | 0.900 | -17.19515 | 19.54193 |
| _IdtyXlnp_90 | 1.640512  | 10.74208 | 0.15  | 0.879 | -19.42008 | 22.70111 |
| _IdtyXlnp_91 | 2.264791  | 71.4232  | 0.03  | 0.975 | -137.7653 | 142.2949 |
| _IdtyXlnp_92 | .8697047  | 8.785294 | 0.10  | 0.921 | -16.35447 | 18.09388 |
| _IdtyXlnp_93 | 2.763365  | 12.5285  | 0.22  | 0.825 | -21.79963 | 27.32636 |
| _IdtyXlnp_94 | -.448368  | 69.42361 | -0.01 | 0.995 | -136.5581 | 135.6614 |
| _IdtyXlnp_95 | 1.78395   | 9.168218 | 0.19  | 0.846 | -16.19097 | 19.75887 |
| _IdtyXlnp_96 | 1.141347  | 9.012325 | 0.13  | 0.899 | -16.52794 | 18.81063 |
| _IdtyXlnp_97 | 1.817633  | 8.78343  | 0.21  | 0.836 | -15.40289 | 19.03815 |
| _IdtyXlnp_98 | 1.379588  | 9.023274 | 0.15  | 0.878 | -16.31116 | 19.07034 |
| _IdtyXlnp_99 | 3.889247  | 101.4284 | 0.04  | 0.969 | -194.968  | 202.7465 |
| _IdtyX-p_100 | 2.245135  | 9.003352 | 0.25  | 0.803 | -15.40656 | 19.89683 |
| _IdtyX-p_101 | 1.734379  | 16.27714 | 0.11  | 0.915 | -30.17808 | 33.64684 |
| _IdtyX-p_102 | 4.208643  | 448.8055 | 0.01  | 0.993 | -875.7054 | 884.1227 |
| _IdtyX-p_103 | (dropped) |          |       |       |           |          |
| _IdtyX-p_104 | .621475   | 8.849675 | 0.07  | 0.944 | -16.72892 | 17.97187 |
| _IdtyX-p_105 | .7311195  | 105.592  | 0.01  | 0.994 | -206.2893 | 207.7516 |
| _IdtyX-p_106 | 2.754374  | 11.88451 | 0.23  | 0.817 | -20.54603 | 26.05478 |
| _IdtyX-p_107 | 1.650794  | 11.59831 | 0.14  | 0.887 | -21.08848 | 24.39007 |
| _IdtyX-p_108 | 3.03342   | 221.9271 | 0.01  | 0.989 | -432.0699 | 438.1368 |
| _IdtyX-p_109 | (dropped) |          |       |       |           |          |
| _IdtyX-p_110 | (dropped) |          |       |       |           |          |

|              |           |          |       |       |           |          |
|--------------|-----------|----------|-------|-------|-----------|----------|
| _IdtyX-p_111 | 1.605317  | 8.987664 | 0.18  | 0.858 | -16.01562 | 19.22625 |
| _IdtyX-p_112 | (dropped) |          |       |       |           |          |
| _IdtyX-p_113 | .1643891  | 178.5019 | 0.00  | 0.999 | -349.8008 | 350.1296 |
| _IdtyX-p_114 | 2.458323  | 14.30407 | 0.17  | 0.864 | -25.58578 | 30.50243 |
| _IdtyX-p_115 | .6236305  | 8.979663 | 0.07  | 0.945 | -16.98162 | 18.22888 |
| _IdtyX-p_116 | 4.297917  | 16.40473 | 0.26  | 0.793 | -27.86468 | 36.46052 |
| _IdtyX-p_117 | 1.105628  | 10.46233 | 0.11  | 0.916 | -19.4065  | 21.61775 |
| _IdtyX-p_118 | 1.443278  | 9.737813 | 0.15  | 0.882 | -17.64837 | 20.53493 |
| _IdtyX-p_119 | -.2411095 | 16.0033  | -0.02 | 0.988 | -31.61668 | 31.13446 |
| _IdtyX-p_120 | 1.545936  | 8.782323 | 0.18  | 0.860 | -15.67241 | 18.76428 |
| _IdtyX-p_121 | 1.074777  | 8.766107 | 0.12  | 0.902 | -16.11178 | 18.26133 |
| _IdtyX-p_122 | .9037215  | 11.54253 | 0.08  | 0.938 | -21.72621 | 23.53365 |
| _IdtyX-p_123 | 1.714337  | 8.764703 | 0.20  | 0.845 | -15.46947 | 18.89814 |
| _IdtyX-p_124 | 2.001557  | 8.768626 | 0.23  | 0.819 | -15.18994 | 19.19305 |
| _IdtyX-p_125 | (dropped) |          |       |       |           |          |
| _IdtyX-p_126 | 2.237048  | 8.889233 | 0.25  | 0.801 | -15.19091 | 19.665   |
| _IdtyX-p_127 | 1.730611  | 8.834262 | 0.20  | 0.845 | -15.58957 | 19.05079 |
| _IdtyX-p_128 | 4.420474  | 23.3906  | 0.19  | 0.850 | -41.43841 | 50.27936 |
| _IdtyX-p_129 | .9318388  | 8.830634 | 0.11  | 0.916 | -16.38123 | 18.2449  |
| _IdtyX-p_130 | (dropped) |          |       |       |           |          |
| _IdtyX-p_131 | 1.887527  | 8.766427 | 0.22  | 0.830 | -15.29966 | 19.07471 |
| _IdtyX-p_132 | 1.494845  | 8.882163 | 0.17  | 0.866 | -15.91925 | 18.90894 |
| _IdtyX-p_133 | .0542685  | 644.0193 | 0.00  | 1.000 | -1262.59  | 1262.699 |
| _IdtyX-p_134 | 6.538279  | 556.2085 | 0.01  | 0.991 | -1083.947 | 1097.023 |
| _IdtyX-p_135 | -.319461  | 57.33694 | -0.01 | 0.996 | -112.7325 | 112.0936 |
| _IdtyX-p_136 | 1.66518   | 50.19205 | 0.03  | 0.974 | -96.7398  | 100.0702 |
| _IdtyX-p_137 | (dropped) |          |       |       |           |          |
| _IdtyX-p_138 | .6106416  | 64.66317 | 0.01  | 0.992 | -126.1659 | 127.3872 |
| _IdtyX-p_139 | -2.115517 | 153.1305 | -0.01 | 0.989 | -302.3384 | 298.1074 |
| _IdtyX-p_140 | 3.16575   | 77.02504 | 0.04  | 0.967 | -147.8471 | 154.1786 |
| _IdtyX-p_141 | (dropped) |          |       |       |           |          |
| _IdtyX-p_142 | (dropped) |          |       |       |           |          |
| _IdtyX-p_143 | 2.978957  | 288.8044 | 0.01  | 0.992 | -563.2419 | 569.1998 |
| _IdtyX-p_144 | (dropped) |          |       |       |           |          |
| _IdtyX-p_145 | -.2972319 | 9.988536 | -0.03 | 0.976 | -19.88045 | 19.28598 |
| _IdtyX-p_146 | .4426568  | 10.10636 | 0.04  | 0.965 | -19.37156 | 20.25687 |
| _IdtyX-p_147 | .7225534  | 9.247374 | 0.08  | 0.938 | -17.40756 | 18.85267 |
| _IdtyX-p_148 | .8868877  | 9.827292 | 0.09  | 0.928 | -18.3802  | 20.15397 |
| _IdtyX-p_149 | -5.387098 | 867.8158 | -0.01 | 0.995 | -1706.8   | 1696.026 |
| _IdtyX-p_150 | 1.288135  | 11.32635 | 0.11  | 0.909 | -20.91796 | 23.49423 |
| _IdtyX-p_151 | 4.595715  | 42.04468 | 0.11  | 0.913 | -77.83577 | 87.0272  |
| _IdtyX-p_152 | 1.681166  | 247.3105 | 0.01  | 0.995 | -483.1881 | 486.5504 |
| _IdtyX-p_153 | 1.02848   | 8.816816 | 0.12  | 0.907 | -16.25749 | 18.31445 |
| _IdtyX-p_154 | .8851253  | 9.168024 | 0.10  | 0.923 | -17.08942 | 18.85967 |
| _IdtyX-p_155 | (dropped) |          |       |       |           |          |
| _IdtyX-p_156 | .8166231  | 10.37543 | 0.08  | 0.937 | -19.52511 | 21.15836 |
| _IdtyX-p_157 | 1.152891  | 8.944286 | 0.13  | 0.897 | -16.383   | 18.68878 |
| _IdtyX-p_158 | 1.522672  | 9.000157 | 0.17  | 0.866 | -16.12275 | 19.1681  |
| _IdtyX-p_159 | 2.305167  | 76.02626 | 0.03  | 0.976 | -146.7495 | 151.3599 |
| _IdtyX-p_160 | 1.947063  | 9.538154 | 0.20  | 0.838 | -16.75314 | 20.64727 |
| _IdtyX-p_161 | 2.270157  | 317.2686 | 0.01  | 0.994 | -619.7567 | 624.297  |
| _IdtyX-p_162 | (dropped) |          |       |       |           |          |
| _IdtyX-p_163 | 3.060586  | 9.10897  | 0.34  | 0.737 | -14.79818 | 20.91935 |
| _IdtyX-p_164 | 2.71124   | 39.29612 | 0.07  | 0.945 | -74.3315  | 79.75398 |
| _IdtyX-p_165 | (dropped) |          |       |       |           |          |
| _IdtyX-p_166 | 2.939204  | 13.49639 | 0.22  | 0.828 | -23.5214  | 29.39981 |
| _IdtyX-p_167 | 2.04078   | 221.2779 | 0.01  | 0.993 | -431.7898 | 435.8714 |
| _IdtyX-p_168 | 12.37791  | 3257.435 | 0.00  | 0.997 | -6374.048 | 6398.803 |
| _IdtyX-p_169 | (dropped) |          |       |       |           |          |
| _IdtyX-p_170 | 2.26405   | 9.26587  | 0.24  | 0.807 | -15.90233 | 20.43043 |
| _IdtyX-p_171 | .6730558  | 21.5083  | 0.03  | 0.975 | -41.49545 | 42.84156 |
| _IdtyX-p_172 | 6.640703  | 392.3832 | 0.02  | 0.986 | -762.6535 | 775.9349 |
| _IdtyX-p_173 | .2233524  | 24.07425 | 0.01  | 0.993 | -46.97587 | 47.42257 |
| _IdtyX-p_174 | 3.904254  | 20.2753  | 0.19  | 0.847 | -35.84687 | 43.65538 |
| _IdtyX-p_175 | 3.91151   | 17.52919 | 0.22  | 0.823 | -30.45568 | 38.2787  |
| _IdtyX-p_176 | 3.395548  | 160.721  | 0.02  | 0.983 | -311.7091 | 318.5002 |
| _IdtyX-p_177 | 1.526816  | 12.31255 | 0.12  | 0.901 | -22.61279 | 25.66642 |
| _IdtyX-p_178 | .6914663  | 10.05406 | 0.07  | 0.945 | -19.02021 | 20.40314 |
| _IdtyX-p_179 | .7937757  | 503.6309 | 0.00  | 0.999 | -986.6092 | 988.1967 |
| _IdtyX-p_180 | -2.646755 | 4249.136 | -0.00 | 1.000 | -8333.371 | 8328.077 |
| _IdtyX-p_181 | .4060311  | 11.34562 | 0.04  | 0.971 | -21.83784 | 22.6499  |

|              |           |          |       |       |           |          |
|--------------|-----------|----------|-------|-------|-----------|----------|
| _IdtyX-p_182 | 4.958785  | 22.49787 | 0.22  | 0.826 | -39.14984 | 49.06741 |
| _IdtyX-p_183 | 1.991919  | 8.778794 | 0.23  | 0.821 | -15.21951 | 19.20335 |
| _IdtyX-p_184 | .3964515  | 10.63972 | 0.04  | 0.970 | -20.46346 | 21.25636 |
| _IdtyX-p_185 | 6.22973   | 52.46287 | 0.12  | 0.905 | -96.62734 | 109.0868 |
| _IdtyX-p_186 | 1.496916  | 9.561841 | 0.16  | 0.876 | -17.24973 | 20.24356 |
| _IdtyX-p_187 | -5.632519 | 1752.717 | -0.00 | 0.997 | -3441.955 | 3430.69  |
| _IdtyX-p_188 | (dropped) |          |       |       |           |          |
| _IdtyX-p_189 | .0751115  | 38.58124 | 0.00  | 0.998 | -75.56607 | 75.71629 |
| _IdtyX-p_190 | 2.015095  | 12.99135 | 0.16  | 0.877 | -23.45534 | 27.48553 |
| _IdtyX-p_191 | .94765    | 24.95204 | 0.04  | 0.970 | -47.97255 | 49.86785 |
| _IdtyX-p_192 | 3.302903  | 21.79689 | 0.15  | 0.880 | -39.43139 | 46.0372  |
| _IdtyX-p_193 | 2.345336  | 8.861527 | 0.26  | 0.791 | -15.0283  | 19.71897 |
| _IdtyX-p_194 | 1.880746  | 10.83207 | 0.17  | 0.862 | -19.35627 | 23.11776 |
| _IdtyX-p_195 | .4943197  | 50.90076 | 0.01  | 0.992 | -99.30012 | 100.2888 |
| _IdtyX-p_196 | .4082879  | 35.92992 | 0.01  | 0.991 | -70.03479 | 70.85137 |
| _IdtyX-p_197 | 2.558214  | 26.56733 | 0.10  | 0.923 | -49.52886 | 54.64528 |
| _IdtyX-p_198 | 1.283834  | 1271.74  | 0.00  | 0.999 | -2492.051 | 2494.619 |
| _IdtyX-p_199 | -.1387835 | 48.70319 | -0.00 | 0.998 | -95.62474 | 95.34717 |
| _IdtyX-p_200 | .0352403  | 10.788   | 0.00  | 0.997 | -21.11537 | 21.18585 |
| _IdtyX-p_201 | .4969916  | 32.6519  | 0.02  | 0.988 | -63.51931 | 64.51329 |
| _IdtyX-p_202 | (dropped) |          |       |       |           |          |
| _IdtyX-p_203 | -.079618  | 42.89912 | -0.00 | 0.999 | -84.1863  | 84.02706 |
| _IdtyX-p_204 | 1.420361  | 154.89   | 0.01  | 0.993 | -302.2521 | 305.0928 |
| _IdtyX-p_205 | (dropped) |          |       |       |           |          |
| _IdtyX-p_206 | 2.405894  | 10.79861 | 0.22  | 0.824 | -18.76552 | 23.57731 |
| _IdtyX-p_207 | (dropped) |          |       |       |           |          |
| _IdtyX-p_208 | (dropped) |          |       |       |           |          |
| _IdtyX-p_209 | -.0224643 | 222.3564 | -0.00 | 1.000 | -435.9675 | 435.9226 |
| _IdtyX-p_210 | 2.032022  | 10.33055 | 0.20  | 0.844 | -18.22174 | 22.28578 |
| _IdtyX-p_211 | 2.349311  | 10.93678 | 0.21  | 0.830 | -19.09301 | 23.79163 |
| _IdtyX-p_212 | 1.238705  | 8.862684 | 0.14  | 0.889 | -16.1372  | 18.61461 |
| _IdtyX-p_213 | -1.478037 | 10.13968 | -0.15 | 0.884 | -21.35758 | 18.40151 |
| _IdtyX-p_214 | 1.962196  | 50.47612 | 0.04  | 0.969 | -96.99972 | 100.9241 |
| _IdtyX-p_215 | -.3487885 | 129.1744 | -0.00 | 0.998 | -253.6041 | 252.9065 |
| _IdtyX-p_216 | 2.338884  | 8.764642 | 0.27  | 0.790 | -14.8448  | 19.52257 |
| _IdtyX-p_217 | 3.563     | 290.906  | 0.01  | 0.990 | -566.7783 | 573.9043 |
| _IdtyX-p_218 | 1.830374  | 8.764657 | 0.21  | 0.835 | -15.35334 | 19.01409 |
| _IdtyX-p_219 | -1.678805 | 9.761569 | -0.17 | 0.863 | -20.81703 | 17.45942 |
| _IdtyX-p_220 | 1.349883  | 8.846851 | 0.15  | 0.879 | -15.99498 | 18.69474 |
| _IdtyX-p_221 | 1.103877  | 8.767668 | 0.13  | 0.900 | -16.08574 | 18.29349 |
| _IdtyX-p_222 | -4.767423 | 9.431117 | -0.51 | 0.613 | -23.25778 | 13.72293 |
| _IdtyX-p_223 | 1.253953  | 8.768267 | 0.14  | 0.886 | -15.93684 | 18.44474 |
| _IdtyX-p_224 | 2.335857  | 12.26538 | 0.19  | 0.849 | -21.71126 | 26.38297 |
| _IdtyX-p_225 | -5.178724 | 18.31966 | -0.28 | 0.777 | -41.09567 | 30.73822 |
| _IdtyX-p_226 | 1.982347  | 8.772477 | 0.23  | 0.821 | -15.2167  | 19.18139 |
| _IdtyX-p_227 | (dropped) |          |       |       |           |          |
| _Idtype_2    | (dropped) |          |       |       |           |          |
| _Idtype_3    | (dropped) |          |       |       |           |          |
| _Idtype_4    | (dropped) |          |       |       |           |          |
| _Idtype_5    | (dropped) |          |       |       |           |          |
| _Idtype_6    | -15.25165 | 89.57515 | -0.17 | 0.865 | -190.8699 | 160.3666 |
| _Idtype_7    | -18.65784 | 100.1195 | -0.19 | 0.852 | -214.9489 | 177.6332 |
| _Idtype_8    | (dropped) |          |       |       |           |          |
| _Idtype_9    | -18.11305 | 90.62603 | -0.20 | 0.842 | -195.7916 | 159.5655 |
| _Idtype_10   | (dropped) |          |       |       |           |          |
| _Idtype_11   | -13.01179 | 8339.547 | -0.00 | 0.999 | -16363.27 | 16337.24 |
| _Idtype_12   | -1.030956 | 1260.39  | -0.00 | 0.999 | -2472.112 | 2470.05  |
| _Idtype_13   | -15.62691 | 90.04346 | -0.17 | 0.862 | -192.1633 | 160.9095 |
| _Idtype_14   | -13.02009 | 277.5938 | -0.05 | 0.963 | -557.2619 | 531.2217 |
| _Idtype_15   | (dropped) |          |       |       |           |          |
| _Idtype_16   | (dropped) |          |       |       |           |          |
| _Idtype_17   | (dropped) |          |       |       |           |          |
| _Idtype_18   | (dropped) |          |       |       |           |          |
| _Idtype_19   | (dropped) |          |       |       |           |          |
| _Idtype_20   | -14.70356 | 325.6915 | -0.05 | 0.964 | -653.2443 | 623.8371 |
| _Idtype_21   | -19.85015 | 94.96593 | -0.21 | 0.834 | -206.0374 | 166.3371 |
| _Idtype_22   | (dropped) |          |       |       |           |          |
| _Idtype_23   | (dropped) |          |       |       |           |          |
| _Idtype_24   | (dropped) |          |       |       |           |          |
| _Idtype_25   | (dropped) |          |       |       |           |          |
| _Idtype_26   | (dropped) |          |       |       |           |          |

|            |            |          |       |       |           |          |
|------------|------------|----------|-------|-------|-----------|----------|
| _Idtype_27 | (dropped)  |          |       |       |           |          |
| _Idtype_28 | (dropped)  |          |       |       |           |          |
| _Idtype_29 | (dropped)  |          |       |       |           |          |
| _Idtype_30 | (dropped)  |          |       |       |           |          |
| _Idtype_31 | -37.83277  | 693.1669 | -0.05 | 0.956 | -1396.834 | 1321.169 |
| _Idtype_32 | -40.02386  | 398.7959 | -0.10 | 0.920 | -821.8908 | 741.843  |
| _Idtype_33 | (dropped)  |          |       |       |           |          |
| _Idtype_34 | -12.75147  | 94.41342 | -0.14 | 0.893 | -197.8555 | 172.3525 |
| _Idtype_35 | (dropped)  |          |       |       |           |          |
| _Idtype_36 | (dropped)  |          |       |       |           |          |
| _Idtype_37 | -30.53369  | 132.2836 | -0.23 | 0.817 | -289.8847 | 228.8173 |
| _Idtype_38 | (dropped)  |          |       |       |           |          |
| _Idtype_39 | -16.20963  | 89.47006 | -0.18 | 0.856 | -191.6218 | 159.2026 |
| _Idtype_40 | -23.31066  | 89.3961  | -0.26 | 0.794 | -198.5779 | 151.9565 |
| _Idtype_41 | -13.73465  | 98.93215 | -0.14 | 0.890 | -207.6979 | 180.2286 |
| _Idtype_42 | (dropped)  |          |       |       |           |          |
| _Idtype_43 | (dropped)  |          |       |       |           |          |
| _Idtype_44 | (dropped)  |          |       |       |           |          |
| _Idtype_45 | -10.27083  | 89.94882 | -0.11 | 0.909 | -186.6217 | 166.08   |
| _Idtype_46 | (dropped)  |          |       |       |           |          |
| _Idtype_47 | 12.50116   | 113.1737 | 0.11  | 0.912 | -209.3837 | 234.386  |
| _Idtype_48 | (dropped)  |          |       |       |           |          |
| _Idtype_49 | (dropped)  |          |       |       |           |          |
| _Idtype_50 | (dropped)  |          |       |       |           |          |
| _Idtype_51 | -14.57926  | 89.42136 | -0.16 | 0.870 | -189.896  | 160.7375 |
| _Idtype_52 | (dropped)  |          |       |       |           |          |
| _Idtype_53 | -4.4639609 | 89.42691 | -0.01 | 0.996 | -175.7916 | 174.8637 |
| _Idtype_54 | -9.899164  | 89.69501 | -0.11 | 0.912 | -185.7524 | 165.9541 |
| _Idtype_55 | (dropped)  |          |       |       |           |          |
| _Idtype_56 | (dropped)  |          |       |       |           |          |
| _Idtype_57 | (dropped)  |          |       |       |           |          |
| _Idtype_58 | -13.14888  | 90.0079  | -0.15 | 0.884 | -189.6156 | 163.3178 |
| _Idtype_59 | 14.77572   | 137.3118 | 0.11  | 0.914 | -254.4335 | 283.985  |
| _Idtype_60 | (dropped)  |          |       |       |           |          |
| _Idtype_61 | -15.18773  | 375.035  | -0.04 | 0.968 | -750.4698 | 720.0943 |
| _Idtype_62 | -3.20086   | 125.4395 | -0.03 | 0.980 | -249.1337 | 242.732  |
| _Idtype_63 | (dropped)  |          |       |       |           |          |
| _Idtype_64 | (dropped)  |          |       |       |           |          |
| _Idtype_65 | (dropped)  |          |       |       |           |          |
| _Idtype_66 | -8.330778  | 104.9962 | -0.08 | 0.937 | -214.183  | 197.5214 |
| _Idtype_67 | -3.740305  | 100.5632 | -0.04 | 0.970 | -200.9014 | 193.4208 |
| _Idtype_68 | (dropped)  |          |       |       |           |          |
| _Idtype_69 | -7.683894  | 109.9922 | -0.07 | 0.944 | -223.3312 | 207.9634 |
| _Idtype_70 | (dropped)  |          |       |       |           |          |
| _Idtype_71 | 41.80422   | 1376.025 | 0.03  | 0.976 | -2655.987 | 2739.595 |
| _Idtype_72 | (dropped)  |          |       |       |           |          |
| _Idtype_73 | -16.95941  | 201.5085 | -0.08 | 0.933 | -412.0307 | 378.1118 |
| _Idtype_74 | (dropped)  |          |       |       |           |          |
| _Idtype_75 | (dropped)  |          |       |       |           |          |
| _Idtype_76 | (dropped)  |          |       |       |           |          |
| _Idtype_77 | 175.6019   | 58918.62 | 0.00  | 0.998 | -115338.4 | 115689.6 |
| _Idtype_78 | -21.88846  | 382.5893 | -0.06 | 0.954 | -771.9812 | 728.2043 |
| _Idtype_79 | -13.99501  | 7828.789 | -0.00 | 0.999 | -15362.87 | 15334.88 |
| _Idtype_80 | (dropped)  |          |       |       |           |          |
| _Idtype_81 | (dropped)  |          |       |       |           |          |
| _Idtype_82 | (dropped)  |          |       |       |           |          |
| _Idtype_83 | -1.444521  | 177.4387 | -0.01 | 0.994 | -349.3253 | 346.4362 |
| _Idtype_84 | (dropped)  |          |       |       |           |          |
| _Idtype_85 | (dropped)  |          |       |       |           |          |
| _Idtype_86 | -14.72917  | 101.8036 | -0.14 | 0.885 | -214.3222 | 184.8638 |
| _Idtype_87 | (dropped)  |          |       |       |           |          |
| _Idtype_88 | (dropped)  |          |       |       |           |          |
| _Idtype_89 | (dropped)  |          |       |       |           |          |
| _Idtype_90 | -20.71992  | 120.8287 | -0.17 | 0.864 | -257.6129 | 216.1731 |
| _Idtype_91 | -23.01126  | 832.7081 | -0.03 | 0.978 | -1655.593 | 1609.57  |
| _Idtype_92 | (dropped)  |          |       |       |           |          |
| _Idtype_93 | -27.60437  | 126.6334 | -0.22 | 0.827 | -275.8779 | 220.6692 |
| _Idtype_94 | (dropped)  |          |       |       |           |          |
| _Idtype_95 | -17.9205   | 93.14396 | -0.19 | 0.847 | -200.5356 | 164.6946 |
| _Idtype_96 | -15.16253  | 91.78664 | -0.17 | 0.869 | -195.1166 | 164.7915 |
| _Idtype_97 | -18.18228  | 89.58489 | -0.20 | 0.839 | -193.8196 | 157.4551 |

|             |           |          |       |       |           |          |
|-------------|-----------|----------|-------|-------|-----------|----------|
| _Idtype_98  | -11.13138 | 91.95439 | -0.12 | 0.904 | -191.4143 | 169.1515 |
| _Idtype_99  | -33.10794 | 866.4674 | -0.04 | 0.970 | -1731.877 | 1665.661 |
| _Idtype_100 | -22.9948  | 91.74243 | -0.25 | 0.802 | -202.8621 | 156.8726 |
| _Idtype_101 | (dropped) |          |       |       |           |          |
| _Idtype_102 | -140.8407 | 13828.73 | -0.01 | 0.992 | -27253.03 | 26971.35 |
| _Idtype_103 | (dropped) |          |       |       |           |          |
| _Idtype_104 | (dropped) |          |       |       |           |          |
| _Idtype_105 | -11.00785 | 1057.662 | -0.01 | 0.992 | -2084.628 | 2062.612 |
| _Idtype_106 | -26.8966  | 123.0756 | -0.22 | 0.827 | -268.1948 | 214.4016 |
| _Idtype_107 | -11.2328  | 134.5196 | -0.08 | 0.933 | -274.9677 | 252.5021 |
| _Idtype_108 | -29.20641 | 2645.085 | -0.01 | 0.991 | -5215.078 | 5156.665 |
| _Idtype_109 | (dropped) |          |       |       |           |          |
| _Idtype_110 | (dropped) |          |       |       |           |          |
| _Idtype_111 | (dropped) |          |       |       |           |          |
| _Idtype_112 | (dropped) |          |       |       |           |          |
| _Idtype_113 | -2.260354 | 1943.433 | -0.00 | 0.999 | -3812.495 | 3807.974 |
| _Idtype_114 | -24.20658 | 150.5871 | -0.16 | 0.872 | -319.4429 | 271.0298 |
| _Idtype_115 | (dropped) |          |       |       |           |          |
| _Idtype_116 | (dropped) |          |       |       |           |          |
| _Idtype_117 | -10.06328 | 107.7623 | -0.09 | 0.926 | -221.3387 | 201.2122 |
| _Idtype_118 | (dropped) |          |       |       |           |          |
| _Idtype_119 | (dropped) |          |       |       |           |          |
| _Idtype_120 | -15.7252  | 89.58207 | -0.18 | 0.861 | -191.357  | 159.9066 |
| _Idtype_121 | -11.67497 | 89.41598 | -0.13 | 0.896 | -186.9811 | 163.6312 |
| _Idtype_122 | (dropped) |          |       |       |           |          |
| _Idtype_123 | -17.87186 | 89.40225 | -0.20 | 0.842 | -193.1511 | 157.4074 |
| _Idtype_124 | -21.64466 | 89.44145 | -0.24 | 0.809 | -197.0008 | 153.7115 |
| _Idtype_125 | (dropped) |          |       |       |           |          |
| _Idtype_126 | -27.11887 | 90.50716 | -0.30 | 0.764 | -204.5644 | 150.3266 |
| _Idtype_127 | -19.70292 | 90.16958 | -0.22 | 0.827 | -196.4866 | 157.0807 |
| _Idtype_128 | (dropped) |          |       |       |           |          |
| _Idtype_129 | (dropped) |          |       |       |           |          |
| _Idtype_130 | (dropped) |          |       |       |           |          |
| _Idtype_131 | (dropped) |          |       |       |           |          |
| _Idtype_132 | (dropped) |          |       |       |           |          |
| _Idtype_133 | (dropped) |          |       |       |           |          |
| _Idtype_134 | -72.43224 | 6494.604 | -0.01 | 0.991 | -12805.55 | 12660.69 |
| _Idtype_135 | (dropped) |          |       |       |           |          |
| _Idtype_136 | -12.08495 | 517.8818 | -0.02 | 0.981 | -1027.428 | 1003.258 |
| _Idtype_137 | (dropped) |          |       |       |           |          |
| _Idtype_138 | -3.655178 | 665.5496 | -0.01 | 0.996 | -1308.511 | 1301.201 |
| _Idtype_139 | (dropped) |          |       |       |           |          |
| _Idtype_140 | -28.92968 | 849.7208 | -0.03 | 0.973 | -1694.866 | 1637.006 |
| _Idtype_141 | (dropped) |          |       |       |           |          |
| _Idtype_142 | (dropped) |          |       |       |           |          |
| _Idtype_143 | -29.68678 | 3501.634 | -0.01 | 0.993 | -6894.882 | 6835.508 |
| _Idtype_144 | (dropped) |          |       |       |           |          |
| _Idtype_145 | (dropped) |          |       |       |           |          |
| _Idtype_146 | (dropped) |          |       |       |           |          |
| _Idtype_147 | (dropped) |          |       |       |           |          |
| _Idtype_148 | -6.328013 | 100.6234 | -0.06 | 0.950 | -203.6072 | 190.9512 |
| _Idtype_149 | (dropped) |          |       |       |           |          |
| _Idtype_150 | -10.59448 | 122.6851 | -0.09 | 0.931 | -251.1271 | 229.9382 |
| _Idtype_151 | (dropped) |          |       |       |           |          |
| _Idtype_152 | (dropped) |          |       |       |           |          |
| _Idtype_153 | (dropped) |          |       |       |           |          |
| _Idtype_154 | (dropped) |          |       |       |           |          |
| _Idtype_155 | (dropped) |          |       |       |           |          |
| _Idtype_156 | (dropped) |          |       |       |           |          |
| _Idtype_157 | (dropped) |          |       |       |           |          |
| _Idtype_158 | (dropped) |          |       |       |           |          |
| _Idtype_159 | (dropped) |          |       |       |           |          |
| _Idtype_160 | -19.21403 | 96.64883 | -0.20 | 0.842 | -208.7007 | 170.2726 |
| _Idtype_161 | (dropped) |          |       |       |           |          |
| _Idtype_162 | (dropped) |          |       |       |           |          |
| _Idtype_163 | (dropped) |          |       |       |           |          |
| _Idtype_164 | -26.68449 | 380.2403 | -0.07 | 0.944 | -772.1717 | 718.8027 |
| _Idtype_165 | (dropped) |          |       |       |           |          |
| _Idtype_166 | (dropped) |          |       |       |           |          |
| _Idtype_167 | -24.80415 | 2988.92  | -0.01 | 0.993 | -5884.787 | 5835.179 |
| _Idtype_168 | (dropped) |          |       |       |           |          |

|              |           |          |       |       |           |          |
|--------------|-----------|----------|-------|-------|-----------|----------|
| _Idtype_169  | (dropped) |          |       |       |           |          |
| _Idtype_170  | -22.51887 | 94.04731 | -0.24 | 0.811 | -206.9051 | 161.8674 |
| _Idtype_171  | (dropped) |          |       |       |           |          |
| _Idtype_172  | (dropped) |          |       |       |           |          |
| _Idtype_173  | 3.999615  | 254.3451 | 0.02  | 0.987 | -494.6615 | 502.6607 |
| _Idtype_174  | (dropped) |          |       |       |           |          |
| _Idtype_175  | -31.50044 | 191.4709 | -0.16 | 0.869 | -406.8924 | 343.8915 |
| _Idtype_176  | (dropped) |          |       |       |           |          |
| _Idtype_177  | (dropped) |          |       |       |           |          |
| _Idtype_178  | -3.084592 | 102.1347 | -0.03 | 0.976 | -203.3267 | 197.1575 |
| _Idtype_179  | (dropped) |          |       |       |           |          |
| _Idtype_180  | (dropped) |          |       |       |           |          |
| _Idtype_181  | (dropped) |          |       |       |           |          |
| _Idtype_182  | (dropped) |          |       |       |           |          |
| _Idtype_183  | -18.517   | 89.52449 | -0.21 | 0.836 | -194.0359 | 157.0019 |
| _Idtype_184  | -5.405632 | 109.0938 | -0.05 | 0.960 | -219.2915 | 208.4802 |
| _Idtype_185  | (dropped) |          |       |       |           |          |
| _Idtype_186  | (dropped) |          |       |       |           |          |
| _Idtype_187  | 54.1174   | 20305.4  | 0.00  | 0.998 | -39756.01 | 39864.24 |
| _Idtype_188  | (dropped) |          |       |       |           |          |
| _Idtype_189  | -1.064025 | 393.2487 | -0.00 | 0.998 | -772.0553 | 769.9272 |
| _Idtype_190  | (dropped) |          |       |       |           |          |
| _Idtype_191  | -11.27449 | 220.1859 | -0.05 | 0.959 | -442.9641 | 420.4152 |
| _Idtype_192  | (dropped) |          |       |       |           |          |
| _Idtype_193  | (dropped) |          |       |       |           |          |
| _Idtype_194  | (dropped) |          |       |       |           |          |
| _Idtype_195  | (dropped) |          |       |       |           |          |
| _Idtype_196  | -6.430923 | 362.3779 | -0.02 | 0.986 | -716.8977 | 704.0359 |
| _Idtype_197  | (dropped) |          |       |       |           |          |
| _Idtype_198  | (dropped) |          |       |       |           |          |
| _Idtype_199  | (dropped) |          |       |       |           |          |
| _Idtype_200  | (dropped) |          |       |       |           |          |
| _Idtype_201  | (dropped) |          |       |       |           |          |
| _Idtype_202  | (dropped) |          |       |       |           |          |
| _Idtype_203  | -42.62159 | 1452.649 | -0.03 | 0.977 | -2890.639 | 2805.396 |
| _Idtype_204  | 21.00961  | 1754.022 | 0.01  | 0.990 | -3417.871 | 3459.89  |
| _Idtype_205  | (dropped) |          |       |       |           |          |
| _Idtype_206  | -24.32308 | 111.55   | -0.22 | 0.827 | -243.0244 | 194.3783 |
| _Idtype_207  | (dropped) |          |       |       |           |          |
| _Idtype_208  | (dropped) |          |       |       |           |          |
| _Idtype_209  | (dropped) |          |       |       |           |          |
| _Idtype_210  | -21.88493 | 106.8064 | -0.20 | 0.838 | -231.2862 | 187.5164 |
| _Idtype_211  | (dropped) |          |       |       |           |          |
| _Idtype_212  | (dropped) |          |       |       |           |          |
| _Idtype_213  | (dropped) |          |       |       |           |          |
| _Idtype_214  | (dropped) |          |       |       |           |          |
| _Idtype_215  | (dropped) |          |       |       |           |          |
| _Idtype_216  | (dropped) |          |       |       |           |          |
| _Idtype_217  | (dropped) |          |       |       |           |          |
| _Idtype_218  | (dropped) |          |       |       |           |          |
| _Idtype_219  | (dropped) |          |       |       |           |          |
| _Idtype_220  | -6.858306 | 89.96051 | -0.08 | 0.939 | -183.2321 | 169.5155 |
| _Idtype_221  | (dropped) |          |       |       |           |          |
| _Idtype_222  | (dropped) |          |       |       |           |          |
| _Idtype_223  | (dropped) |          |       |       |           |          |
| _Idtype_224  | (dropped) |          |       |       |           |          |
| _Idtype_225  | (dropped) |          |       |       |           |          |
| _Idtype_226  | -20.60026 | 89.46714 | -0.23 | 0.818 | -196.0067 | 154.8062 |
| _Idtype_227  | (dropped) |          |       |       |           |          |
| lnwebstarts  | .0099481  | .3705303 | 0.03  | 0.979 | -.716502  | .7363982 |
| _IdtyXlnw_2  | -.0293031 | 27.91822 | -0.00 | 0.999 | -54.76489 | 54.70628 |
| _IdtyXlnw_3  | .0638942  | 47.37696 | 0.00  | 0.999 | -92.8219  | 92.94968 |
| _IdtyXlnw_4  | -.5379401 | 24.74823 | -0.02 | 0.983 | -49.05855 | 47.98266 |
| _IdtyXlnw_5  | .1269877  | 75.41028 | 0.00  | 0.999 | -147.7201 | 147.974  |
| _IdtyXlnw_6  | -.0183083 | .3714888 | -0.05 | 0.961 | -.7466376 | .710021  |
| _IdtyXlnw_7  | .008464   | .3958817 | 0.02  | 0.983 | -.7676892 | .7846173 |
| _IdtyXlnw_8  | -.01222   | .6540703 | -0.02 | 0.985 | -1.29457  | 1.27013  |
| _IdtyXlnw_9  | -.0367165 | .3834644 | -0.10 | 0.924 | -.7885249 | .7150919 |
| _IdtyXlnw_10 | (dropped) |          |       |       |           |          |
| _IdtyXlnw_11 | -.5407926 | 33.91137 | -0.02 | 0.987 | -67.02636 | 65.94478 |
| _IdtyXlnw_12 | -.1808268 | 40.14397 | -0.00 | 0.996 | -78.88585 | 78.5242  |



|              |           |          |       |       |           |          |
|--------------|-----------|----------|-------|-------|-----------|----------|
| _IdtyXlnw_13 | -.0148706 | .3733825 | -0.04 | 0.968 | -.7469128 | .7171716 |
| _IdtyXlnw_14 | -.0011427 | .6530185 | -0.00 | 0.999 | -1.281431 | 1.279145 |
| _IdtyXlnw_15 | -.0643093 | 23.32215 | -0.00 | 0.998 | -45.78898 | 45.66037 |
| _IdtyXlnw_16 | .0011564  | .4095128 | 0.00  | 0.998 | -.8017217 | .8040345 |
| _IdtyXlnw_17 | -.0107319 | .3759711 | -0.03 | 0.977 | -.7478491 | .7263853 |
| _IdtyXlnw_18 | -.0007792 | .3713364 | -0.00 | 0.998 | -.7288099 | .7272515 |
| _IdtyXlnw_19 | .0003787  | .3812728 | 0.00  | 0.999 | -.7471329 | .7478904 |
| _IdtyXlnw_20 | -.1810848 | 9.687776 | -0.02 | 0.985 | -19.17464 | 18.81247 |
| _IdtyXlnw_21 | .0062701  | .3846936 | 0.02  | 0.987 | -.7479482 | .7604883 |
| _IdtyXlnw_22 | .0031451  | 21.16025 | 0.00  | 1.000 | -41.48298 | 41.48927 |
| _IdtyXlnw_23 | (dropped) |          |       |       |           |          |
| _IdtyXlnw_24 | -.0223891 | .3723028 | -0.06 | 0.952 | -.7523143 | .7075361 |
| _IdtyXlnw_25 | .0687622  | 9.695208 | 0.01  | 0.994 | -18.93936 | 19.07689 |
| _IdtyXlnw_26 | 1.690107  | 450.7648 | 0.00  | 0.997 | -882.0654 | 885.4456 |
| _IdtyXlnw_27 | .3656025  | 22.68643 | 0.02  | 0.987 | -44.11271 | 44.84392 |
| _IdtyXlnw_28 | -.044936  | 1.443054 | -0.03 | 0.975 | -2.874143 | 2.784271 |
| _IdtyXlnw_29 | .1269851  | 82.31133 | 0.00  | 0.999 | -161.25   | 161.504  |
| _IdtyXlnw_30 | (dropped) |          |       |       |           |          |
| _IdtyXlnw_31 | -.1865474 | 7.710998 | -0.02 | 0.981 | -15.30449 | 14.93139 |
| _IdtyXlnw_32 | -.0168421 | .6419554 | -0.03 | 0.979 | -1.27544  | 1.241756 |
| _IdtyXlnw_33 | -.0388801 | 8.688834 | -0.00 | 0.996 | -17.07394 | 16.99618 |
| _IdtyXlnw_34 | -.0001033 | .3855271 | -0.00 | 1.000 | -.7559558 | .7557492 |
| _IdtyXlnw_35 | -.0163925 | .3970226 | -0.04 | 0.967 | -.7947827 | .7619977 |
| _IdtyXlnw_36 | -.0552396 | 2.021725 | -0.03 | 0.978 | -4.01897  | 3.908491 |
| _IdtyXlnw_37 | .0498723  | .4505801 | 0.11  | 0.912 | -.8335209 | .9332656 |
| _IdtyXlnw_38 | .0091199  | .370655  | 0.02  | 0.980 | -.7175747 | .7358145 |
| _IdtyXlnw_39 | -.0200009 | .3711505 | -0.05 | 0.957 | -.7476671 | .7076653 |
| _IdtyXlnw_40 | .0003706  | .3705513 | 0.00  | 0.999 | -.7261208 | .726862  |
| _IdtyXlnw_41 | -.0128152 | .3880727 | -0.03 | 0.974 | -.7736585 | .748028  |
| _IdtyXlnw_42 | -.0074711 | .3714486 | -0.02 | 0.984 | -.7357217 | .7207795 |
| _IdtyXlnw_43 | .0870779  | .4432351 | 0.20  | 0.844 | -.7819151 | .9560709 |
| _IdtyXlnw_44 | .0508933  | 8.369916 | 0.01  | 0.995 | -16.3589  | 16.46069 |
| _IdtyXlnw_45 | .1362163  | .3927255 | 0.35  | 0.729 | -.633749  | .9061816 |
| _IdtyXlnw_46 | .0079271  | .370605  | 0.02  | 0.983 | -.7186695 | .7345238 |
| _IdtyXlnw_47 | -.6620684 | .9446607 | -0.70 | 0.483 | -2.514141 | 1.190004 |
| _IdtyXlnw_48 | -.1655354 | 13.51609 | -0.01 | 0.990 | -26.66477 | 26.3337  |
| _IdtyXlnw_49 | -.0064169 | .3706669 | -0.02 | 0.986 | -.7331349 | .720301  |
| _IdtyXlnw_50 | -.0164918 | .7832878 | -0.02 | 0.983 | -1.552182 | 1.519198 |
| _IdtyXlnw_51 | -.0012251 | .3724164 | -0.00 | 0.997 | -.7313732 | .728923  |
| _IdtyXlnw_52 | -.033994  | .3706537 | -0.09 | 0.927 | -.760686  | .692698  |
| _IdtyXlnw_53 | .0213092  | .3739469 | 0.06  | 0.955 | -.7118395 | .7544578 |
| _IdtyXlnw_54 | -.003129  | .3721178 | -0.01 | 0.993 | -.7326914 | .7264335 |
| _IdtyXlnw_55 | .6844901  | 1.285347 | 0.53  | 0.594 | -1.835521 | 3.204502 |
| _IdtyXlnw_56 | .090188   | 2.162686 | 0.04  | 0.967 | -4.149907 | 4.330283 |
| _IdtyXlnw_57 | .0501523  | .3706712 | 0.14  | 0.892 | -.6765741 | .7768786 |
| _IdtyXlnw_58 | -.0330675 | .4335733 | -0.08 | 0.939 | -.8831178 | .8169828 |
| _IdtyXlnw_59 | -.0234253 | .4952341 | -0.05 | 0.962 | -.9943659 | .9475153 |
| _IdtyXlnw_60 | -.0093777 | .4680141 | -0.02 | 0.984 | -.9269516 | .9081961 |
| _IdtyXlnw_61 | -.0230315 | 1.338372 | -0.02 | 0.986 | -2.647003 | 2.60094  |
| _IdtyXlnw_62 | .0060076  | .4608403 | 0.01  | 0.990 | -.8975016 | .9095167 |
| _IdtyXlnw_63 | -.0205435 | 5.671494 | -0.00 | 0.997 | -11.1399  | 11.09881 |
| _IdtyXlnw_64 | -.4080646 | 7.329204 | -0.06 | 0.956 | -14.77747 | 13.96134 |
| _IdtyXlnw_65 | (dropped) |          |       |       |           |          |
| _IdtyXlnw_66 | -.030305  | .3866763 | -0.08 | 0.938 | -.7884105 | .7278005 |
| _IdtyXlnw_67 | -.0049472 | .3912106 | -0.01 | 0.990 | -.7719425 | .7620481 |
| _IdtyXlnw_68 | -.5104367 | 6.682337 | -0.08 | 0.939 | -13.61162 | 12.59074 |
| _IdtyXlnw_69 | -.00609   | .4787822 | -0.01 | 0.990 | -.9447753 | .9325954 |
| _IdtyXlnw_70 | -.0122247 | .4051582 | -0.03 | 0.976 | -.8065652 | .7821158 |
| _IdtyXlnw_71 | -.0035031 | 3.919108 | -0.00 | 0.999 | -7.687185 | 7.680179 |
| _IdtyXlnw_72 | .0765789  | 15.14701 | 0.01  | 0.996 | -29.62018 | 29.77334 |
| _IdtyXlnw_73 | -.0882552 | 2.687771 | -0.03 | 0.974 | -5.357815 | 5.181304 |
| _IdtyXlnw_74 | -.0799278 | 8.880851 | -0.01 | 0.993 | -17.49145 | 17.33159 |
| _IdtyXlnw_75 | -.1367102 | 5.990596 | -0.02 | 0.982 | -11.88169 | 11.60827 |
| _IdtyXlnw_76 | -.1504419 | 328.359  | -0.00 | 1.000 | -643.921  | 643.6201 |
| _IdtyXlnw_77 | .0969765  | 126.3438 | 0.00  | 0.999 | -247.6087 | 247.8026 |
| _IdtyXlnw_78 | -.0774873 | 7.272076 | -0.01 | 0.991 | -14.33489 | 14.17992 |
| _IdtyXlnw_79 | .2566266  | 124.7137 | 0.00  | 0.998 | -244.2532 | 244.7665 |
| _IdtyXlnw_80 | (dropped) |          |       |       |           |          |
| _IdtyXlnw_81 | .2212036  | 21.68399 | 0.01  | 0.992 | -42.29175 | 42.73416 |
| _IdtyXlnw_82 | -.0170895 | .4182101 | -0.04 | 0.967 | -.8370192 | .8028403 |
| _IdtyXlnw_83 | -.0007636 | .5520641 | -0.00 | 0.999 | -1.083123 | 1.081596 |

|              |           |          |       |       |           |          |
|--------------|-----------|----------|-------|-------|-----------|----------|
| _IdtyXlnw_84 | -.797187  | 220.8317 | -0.00 | 0.997 | -433.753  | 432.1587 |
| _IdtyXlnw_85 | -.0050076 | .3756994 | -0.01 | 0.989 | -.7415921 | .7315769 |
| _IdtyXlnw_86 | -.0066481 | .4001093 | -0.02 | 0.987 | -.7910899 | .7777936 |
| _IdtyXlnw_87 | -.0130874 | 4.157502 | -0.00 | 0.997 | -8.164156 | 8.137981 |
| _IdtyXlnw_88 | -.0078586 | .4018324 | -0.02 | 0.984 | -.7956787 | .7799615 |
| _IdtyXlnw_89 | -.0964689 | .7117972 | -0.14 | 0.892 | -1.491996 | 1.299058 |
| _IdtyXlnw_90 | .2834792  | 2.051624 | 0.14  | 0.890 | -3.738872 | 4.30583  |
| _IdtyXlnw_91 | -.0581344 | 17.98741 | -0.00 | 0.997 | -35.32369 | 35.20742 |
| _IdtyXlnw_92 | -.0089112 | .3715072 | -0.02 | 0.981 | -.7372766 | .7194542 |
| _IdtyXlnw_93 | .0017007  | .4041004 | 0.00  | 0.997 | -.7905659 | .7939674 |
| _IdtyXlnw_94 | .1965881  | 62.58133 | 0.00  | 0.997 | -122.4984 | 122.8916 |
| _IdtyXlnw_95 | -.0155583 | .3773338 | -0.04 | 0.967 | -.7553473 | .7242307 |
| _IdtyXlnw_96 | .0160809  | .5290419 | 0.03  | 0.976 | -1.021142 | 1.053304 |
| _IdtyXlnw_97 | -.0002112 | .3723612 | -0.00 | 1.000 | -.7302509 | .7298285 |
| _IdtyXlnw_98 | -.0118512 | .3889994 | -0.03 | 0.976 | -.7745112 | .7508088 |
| _IdtyXlnw_99 | -.0205483 | 1.697509 | -0.01 | 0.990 | -3.348631 | 3.307535 |
| _IdtyX-w_100 | -.0081326 | .3824769 | -0.02 | 0.983 | -.758005  | .7417397 |
| _IdtyX-w_101 | .1490926  | 3.385023 | 0.04  | 0.965 | -6.487478 | 6.785664 |
| _IdtyX-w_102 | 6.480831  | 839.966  | 0.01  | 0.994 | -1640.33  | 1653.292 |
| _IdtyX-w_103 | (dropped) |          |       |       |           |          |
| _IdtyX-w_104 | -.0251811 | .3713348 | -0.07 | 0.946 | -.7532086 | .7028465 |
| _IdtyX-w_105 | .2581714  | 34.00456 | 0.01  | 0.994 | -66.41011 | 66.92645 |
| _IdtyX-w_106 | -.1888099 | 1.122873 | -0.17 | 0.866 | -2.390279 | 2.01266  |
| _IdtyX-w_107 | -.6566494 | 3.351219 | -0.20 | 0.845 | -7.226945 | 5.913647 |
| _IdtyX-w_108 | -.2318334 | 66.30717 | -0.00 | 0.997 | -130.2316 | 129.7679 |
| _IdtyX-w_109 | (dropped) |          |       |       |           |          |
| _IdtyX-w_110 | -.0162785 | 32.51688 | -0.00 | 1.000 | -63.76786 | 63.7353  |
| _IdtyX-w_111 | -.14446   | .5770627 | -0.25 | 0.802 | -1.275831 | .9869112 |
| _IdtyX-w_112 | (dropped) |          |       |       |           |          |
| _IdtyX-w_113 | -.0151775 | 36.66849 | -0.00 | 1.000 | -71.90627 | 71.87591 |
| _IdtyX-w_114 | -.09569   | 2.572606 | -0.04 | 0.970 | -5.139461 | 4.948081 |
| _IdtyX-w_115 | -.3184613 | .4429136 | -0.72 | 0.472 | -1.186824 | .5499013 |
| _IdtyX-w_116 | -.1425487 | 1.32051  | -0.11 | 0.914 | -2.731499 | 2.446401 |
| _IdtyX-w_117 | -.0126019 | .4003424 | -0.03 | 0.975 | -.7975007 | .7722968 |
| _IdtyX-w_118 | -.0133505 | .3950951 | -0.03 | 0.973 | -.7879616 | .7612605 |
| _IdtyX-w_119 | -.0302062 | 3.015149 | -0.01 | 0.992 | -5.941614 | 5.881201 |
| _IdtyX-w_120 | .0097571  | .3716534 | 0.03  | 0.979 | -.7188949 | .7384091 |
| _IdtyX-w_121 | -.009782  | .3706224 | -0.03 | 0.979 | -.7364128 | .7168488 |
| _IdtyX-w_122 | .1183632  | 2.89106  | 0.04  | 0.967 | -5.54976  | 5.786486 |
| _IdtyX-w_123 | .0067139  | .3705884 | 0.02  | 0.986 | -.7198502 | .733278  |
| _IdtyX-w_124 | .0197157  | .3706443 | 0.05  | 0.958 | -.706958  | .7463895 |
| _IdtyX-w_125 | -.0862408 | 1.464583 | -0.06 | 0.953 | -2.957656 | 2.785174 |
| _IdtyX-w_126 | .0609919  | .4071233 | 0.15  | 0.881 | -.7372013 | .8591851 |
| _IdtyX-w_127 | -.073954  | .421458  | -0.18 | 0.861 | -.9002515 | .7523434 |
| _IdtyX-w_128 | -.1044034 | .6721817 | -0.16 | 0.877 | -1.422262 | 1.213455 |
| _IdtyX-w_129 | .076264   | .376894  | 0.20  | 0.840 | -.6626627 | .8151907 |
| _IdtyX-w_130 | (dropped) |          |       |       |           |          |
| _IdtyX-w_131 | -.0102532 | .3706462 | -0.03 | 0.978 | -.7369307 | .7164243 |
| _IdtyX-w_132 | -.0105252 | .4487722 | -0.02 | 0.981 | -.890374  | .8693236 |
| _IdtyX-w_133 | .4474639  | 259.0452 | 0.00  | 0.999 | -507.4285 | 508.3234 |
| _IdtyX-w_134 | .3365559  | 155.5165 | 0.00  | 0.998 | -304.5643 | 305.2374 |
| _IdtyX-w_135 | -.2488984 | 14.38483 | -0.02 | 0.986 | -28.45135 | 27.95355 |
| _IdtyX-w_136 | -.0883802 | 6.499    | -0.01 | 0.989 | -12.83012 | 12.65336 |
| _IdtyX-w_137 | (dropped) |          |       |       |           |          |
| _IdtyX-w_138 | -.0141567 | 1.433487 | -0.01 | 0.992 | -2.824608 | 2.796294 |
| _IdtyX-w_139 | -.2246945 | 30.34507 | -0.01 | 0.994 | -59.7183  | 59.26891 |
| _IdtyX-w_140 | -.166592  | 14.06413 | -0.01 | 0.991 | -27.74029 | 27.40711 |
| _IdtyX-w_141 | .1865875  | 17.70407 | 0.01  | 0.992 | -34.52346 | 34.89664 |
| _IdtyX-w_142 | .1765205  | 11.03677 | 0.02  | 0.987 | -21.46183 | 21.81487 |
| _IdtyX-w_143 | .0007646  | 58.9     | 0.00  | 1.000 | -115.4767 | 115.4783 |
| _IdtyX-w_144 | .260664   | 29.29353 | 0.01  | 0.993 | -57.17131 | 57.69264 |
| _IdtyX-w_145 | -.0074258 | .3900921 | -0.02 | 0.985 | -.7722282 | .7573767 |
| _IdtyX-w_146 | -.0063475 | .4132314 | -0.02 | 0.988 | -.816516  | .803821  |
| _IdtyX-w_147 | -.0027133 | .3898768 | -0.01 | 0.994 | -.7670937 | .7616671 |
| _IdtyX-w_148 | -.0181326 | .4014798 | -0.05 | 0.964 | -.8052614 | .7689963 |
| _IdtyX-w_149 | 1.424645  | 187.1093 | 0.01  | 0.994 | -365.416  | 368.2653 |
| _IdtyX-w_150 | -.1230626 | 1.590591 | -0.08 | 0.938 | -3.241526 | 2.995401 |
| _IdtyX-w_151 | -.2128241 | 7.833483 | -0.03 | 0.978 | -15.57091 | 15.14526 |
| _IdtyX-w_152 | .2292738  | 74.96694 | 0.00  | 0.998 | -146.7486 | 147.2071 |
| _IdtyX-w_153 | -.0085366 | .3721812 | -0.02 | 0.982 | -.7382234 | .7211503 |
| _IdtyX-w_154 | -.0025353 | .3794296 | -0.01 | 0.995 | -.7464332 | .7413626 |

|              |           |          |       |       |           |          |
|--------------|-----------|----------|-------|-------|-----------|----------|
| _IdtyX-w_155 | .0634476  | 1.996894 | 0.03  | 0.975 | -3.8516   | 3.978495 |
| _IdtyX-w_156 | -.0304671 | .3914517 | -0.08 | 0.938 | -.7979351 | .7370009 |
| _IdtyX-w_157 | -.0032825 | .387544  | -0.01 | 0.993 | -.7630892 | .7565242 |
| _IdtyX-w_158 | -.0092907 | .3832842 | -0.02 | 0.981 | -.7607458 | .7421645 |
| _IdtyX-w_159 | .0189612  | 6.475813 | 0.00  | 0.998 | -12.67732 | 12.71524 |
| _IdtyX-w_160 | -.0160623 | .4014384 | -0.04 | 0.968 | -.80311   | .7709854 |
| _IdtyX-w_161 | 2.100299  | 249.0428 | 0.01  | 0.993 | -486.1652 | 490.3658 |
| _IdtyX-w_162 | (dropped) |          |       |       |           |          |
| _IdtyX-w_163 | .0351128  | .3795738 | 0.09  | 0.926 | -.7090678 | .7792934 |
| _IdtyX-w_164 | -.1018188 | 6.497418 | -0.02 | 0.987 | -12.84045 | 12.63682 |
| _IdtyX-w_165 | -.0020077 | 41.04523 | -0.00 | 1.000 | -80.474   | 80.46999 |
| _IdtyX-w_166 | -.1332726 | 1.676778 | -0.08 | 0.937 | -3.420711 | 3.154166 |
| _IdtyX-w_167 | .2305037  | 77.18917 | 0.00  | 0.998 | -151.1042 | 151.5652 |
| _IdtyX-w_168 | -.4217312 | 77.93388 | -0.01 | 0.996 | -153.2165 | 152.373  |
| _IdtyX-w_169 | .0368887  | 15.80915 | 0.00  | 0.998 | -30.95803 | 31.03181 |
| _IdtyX-w_170 | -.0746797 | .6503731 | -0.11 | 0.909 | -1.349781 | 1.200422 |
| _IdtyX-w_171 | -.988579  | 8.280969 | -0.12 | 0.905 | -17.22399 | 15.24683 |
| _IdtyX-w_172 | .0270904  | 65.93939 | 0.00  | 1.000 | -129.2516 | 129.3058 |
| _IdtyX-w_173 | -.2911832 | 4.977485 | -0.06 | 0.953 | -10.04989 | 9.467519 |
| _IdtyX-w_174 | -.7964905 | 3.770215 | -0.21 | 0.833 | -8.188256 | 6.595275 |
| _IdtyX-w_175 | -.474036  | 2.818917 | -0.17 | 0.866 | -6.000718 | 5.052646 |
| _IdtyX-w_176 | -.6786911 | 25.19959 | -0.03 | 0.979 | -50.08423 | 48.72685 |
| _IdtyX-w_177 | -.0112086 | .4544374 | -0.02 | 0.980 | -.9021644 | .8797471 |
| _IdtyX-w_178 | -.0053322 | .4087623 | -0.01 | 0.990 | -.8067387 | .7960744 |
| _IdtyX-w_179 | -.0084012 | 62.25256 | -0.00 | 1.000 | -122.0588 | 122.042  |
| _IdtyX-w_180 | 1.841473  | 3082.363 | 0.00  | 1.000 | -6041.344 | 6045.026 |
| _IdtyX-w_181 | -.3003416 | 1.331731 | -0.23 | 0.822 | -2.911291 | 2.310608 |
| _IdtyX-w_182 | -.6132941 | 3.131194 | -0.20 | 0.845 | -6.752215 | 5.525627 |
| _IdtyX-w_183 | -.0666481 | .3723203 | -0.18 | 0.858 | -.7966076 | .6633114 |
| _IdtyX-w_184 | -.0172493 | .4115296 | -0.04 | 0.967 | -.8240815 | .7895829 |
| _IdtyX-w_185 | .144188   | 4.387721 | 0.03  | 0.974 | -8.458241 | 8.746617 |
| _IdtyX-w_186 | -.0545632 | .6402673 | -0.09 | 0.932 | -1.309851 | 1.200725 |
| _IdtyX-w_187 | .3845092  | 143.0705 | 0.00  | 0.998 | -280.115  | 280.884  |
| _IdtyX-w_188 | (dropped) |          |       |       |           |          |
| _IdtyX-w_189 | -.0124423 | 1.217469 | -0.01 | 0.992 | -2.399375 | 2.37449  |
| _IdtyX-w_190 | .0051657  | .4360816 | 0.01  | 0.991 | -.8498024 | .8601337 |
| _IdtyX-w_191 | -.0803977 | 4.977459 | -0.02 | 0.987 | -9.839048 | 9.678253 |
| _IdtyX-w_192 | -.0106187 | .5282238 | -0.02 | 0.984 | -1.046238 | 1.025    |
| _IdtyX-w_193 | .01987    | .4411404 | 0.05  | 0.964 | -.8450162 | .8847562 |
| _IdtyX-w_194 | -.0911185 | .7602118 | -0.12 | 0.905 | -1.581566 | 1.399329 |
| _IdtyX-w_195 | .0401393  | 8.573584 | 0.00  | 0.996 | -16.76896 | 16.84924 |
| _IdtyX-w_196 | -.0252982 | 1.059547 | -0.02 | 0.981 | -2.102614 | 2.052017 |
| _IdtyX-w_197 | .0227662  | 7.519181 | 0.00  | 0.998 | -14.71911 | 14.76464 |
| _IdtyX-w_198 | -1.050668 | 949.167  | -0.00 | 0.999 | -1861.958 | 1859.857 |
| _IdtyX-w_199 | -.1769688 | 12.79128 | -0.01 | 0.989 | -25.25516 | 24.90122 |
| _IdtyX-w_200 | .0812381  | 1.036274 | 0.08  | 0.938 | -1.950448 | 2.112924 |
| _IdtyX-w_201 | -.1622247 | 5.797226 | -0.03 | 0.978 | -11.52809 | 11.20364 |
| _IdtyX-w_202 | (dropped) |          |       |       |           |          |
| _IdtyX-w_203 | 2.976228  | 93.02708 | 0.03  | 0.974 | -179.4098 | 185.3622 |
| _IdtyX-w_204 | -2.428681 | 130.553  | -0.02 | 0.985 | -258.3868 | 253.5295 |
| _IdtyX-w_205 | .159109   | 121.5236 | 0.00  | 0.999 | -238.0963 | 238.4145 |
| _IdtyX-w_206 | -.0517869 | 1.411303 | -0.04 | 0.971 | -2.818744 | 2.71517  |
| _IdtyX-w_207 | .0439677  | 7.740329 | 0.01  | 0.995 | -15.13148 | 15.21942 |
| _IdtyX-w_208 | .0207898  | 6.895734 | 0.00  | 0.998 | -13.49877 | 13.54035 |
| _IdtyX-w_209 | -.1798565 | 53.30455 | -0.00 | 0.997 | -104.6871 | 104.3274 |
| _IdtyX-w_210 | -.0048919 | .4014081 | -0.01 | 0.990 | -.7918802 | .7820964 |
| _IdtyX-w_211 | .0870003  | 1.047505 | 0.08  | 0.934 | -1.966706 | 2.140707 |
| _IdtyX-w_212 | .1304368  | .4482567 | 0.29  | 0.771 | -.7484014 | 1.009275 |
| _IdtyX-w_213 | .0840203  | .9759474 | 0.09  | 0.931 | -1.829392 | 1.997432 |
| _IdtyX-w_214 | .4719239  | 12.33679 | 0.04  | 0.969 | -23.71519 | 24.65904 |
| _IdtyX-w_215 | -.1139639 | 181.987  | -0.00 | 1.000 | -356.912  | 356.684  |
| _IdtyX-w_216 | -.0228116 | .3705705 | -0.06 | 0.951 | -.7493406 | .7037174 |
| _IdtyX-w_217 | .8938723  | 132.6843 | 0.01  | 0.995 | -259.2428 | 261.0306 |
| _IdtyX-w_218 | -.0337844 | .370583  | -0.09 | 0.927 | -.7603379 | .692769  |
| _IdtyX-w_219 | .037748   | .4100546 | 0.09  | 0.927 | -.7661923 | .8416883 |
| _IdtyX-w_220 | -.636146  | .4231989 | -1.50 | 0.133 | -1.465857 | .1935647 |
| _IdtyX-w_221 | .0030674  | .3707306 | 0.01  | 0.993 | -.7237754 | .7299103 |
| _IdtyX-w_222 | .0949607  | .7401769 | 0.13  | 0.898 | -1.356207 | 1.546129 |
| _IdtyX-w_223 | .0121547  | .3708561 | 0.03  | 0.974 | -.7149342 | .7392437 |
| _IdtyX-w_224 | -.1008275 | 1.634261 | -0.06 | 0.951 | -3.304908 | 3.103253 |
| _IdtyX-w_225 | -.0265352 | 3.197175 | -0.01 | 0.993 | -6.294818 | 6.241747 |

|              |           |          |        |       |           |           |
|--------------|-----------|----------|--------|-------|-----------|-----------|
| _IdtyX-w_226 | .0283551  | .3711299 | 0.08   | 0.939 | -.6992706 | .7559808  |
| _IdtyX-w_227 | -.0963463 | 12.35331 | -0.01  | 0.994 | -24.31586 | 24.12316  |
| moyr         | -.0140308 | .0013882 | -10.11 | 0.000 | -.0167525 | -.0113091 |
| _Imonth_2    | .0468014  | .0231727 | 2.02   | 0.043 | .0013697  | .0922331  |
| _Imonth_3    | .036126   | .0228546 | 1.58   | 0.114 | -.0086821 | .0809341  |
| _Imonth_4    | .2196865  | .0256896 | 8.55   | 0.000 | .1693202  | .2700527  |
| _Imonth_5    | .2125519  | .0266464 | 7.98   | 0.000 | .1603099  | .264794   |
| _Imonth_6    | .2051819  | .0272552 | 7.53   | 0.000 | .1517463  | .2586176  |
| _Imonth_7    | .1812573  | .0249268 | 7.27   | 0.000 | .1323865  | .2301281  |
| _Imonth_8    | .2072969  | .0246882 | 8.40   | 0.000 | .158894   | .2556998  |
| _Imonth_9    | .1535526  | .0253561 | 6.06   | 0.000 | .1038402  | .203265   |
| _Imonth_10   | -.0839895 | .0246201 | -3.41  | 0.001 | -.132259  | -.0357201 |
| _Imonth_11   | .0057972  | .0248393 | 0.23   | 0.815 | -.042902  | .0544964  |
| _Imonth_12   | -.0484342 | .0238773 | -2.03  | 0.043 | -.0952473 | -.001621  |
| lnpsilicon   | .9115089  | .0977968 | 9.32   | 0.000 | .7197716  | 1.103246  |
| lnwage       | -.022439  | .1508874 | -0.15  | 0.882 | -.3182641 | .273386   |
| lnelec       | .5920435  | .0984145 | 6.02   | 0.000 | .3990951  | .7849918  |
| lnint        | .6497057  | .0532351 | 12.20  | 0.000 | .5453346  | .7540769  |
| tran0        | -.3493264 | .0433197 | -8.06  | 0.000 | -.4342577 | -.2643951 |
| preclass     | .1457539  | .0353886 | 4.12   | 0.000 | .0763721  | .2151357  |
| pricefix1    | .2884913  | .0370919 | 7.78   | 0.000 | .21577    | .3612126  |
| tran1        | .3352735  | .0332496 | 10.08  | 0.000 | .2700853  | .4004616  |
| predatory    | -.4508703 | .0317377 | -14.21 | 0.000 | -.5130941 | -.3886464 |
| tran2        | -.7805037 | .0564871 | -13.82 | 0.000 | -.8912507 | -.6697568 |
| pricefix2    | .2033967  | .0302547 | 6.72   | 0.000 | .1440804  | .2627131  |
| _cons        | .4999217  | 89.40231 | 0.01   | 0.996 | -174.7795 | 175.7793  |